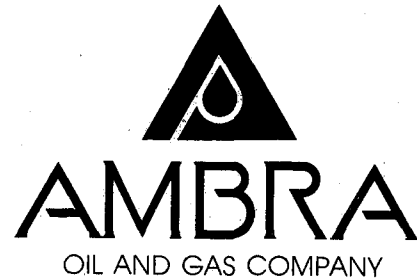


47
American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640



June 14, 1983

Department of Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

ATTN: Arlene

Dear Arlene:

Enclosed are revised APD's and survey plats for the Cisco SS 23-15 and Harley Dome 21-1 that we talked about yesterday.

Also enclosed is a copy of our authorization letter from the Water Rights Division and a copy of our application for water from Cisco Springs. Since we will only be drilling 1 well in the Cisco Dome area, we will use water from Cisco Springs and truck it to Cisco Dome.

If there are any more problems with these locations, please let me know.

Very truly yours,

AMBRA OIL & GAS COMPANY

Linda

Linda Conde
Production Manager

/lc
encs.

RECEIVED
JUN 15 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M-046557 (Drilling Bond #)

REVISED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR

47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

820' FWL 660' FSL, SW $\frac{1}{4}$ SW $\frac{1}{4}$

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles northwest from Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

6700'

16. NO. OF ACRES IN LEASE

5787

19. PROPOSED DEPTH

1715'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4956' GL

22. APPROX. DATE WORK WILL START*

July 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------|
| 11" | 8-5/8" | 24 | 160' | 35 sx (cement to surface) |
| 6-3/4" | 4 1/2" | 10 1/2 | 1715' | 135 sx |

Well will be drilled to test the Morrison Salt Wash Formation.
All shows encountered will be tested.

Blowout equipment to be used: 8" 900 series double gate shaffer
hydraulic type LWS

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6-17-83

BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Linda Conde

TITLE

Production Manager

DATE June 14, 1983

(This space for Federal or State office use)

PERMIT NO.

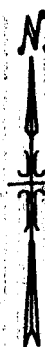
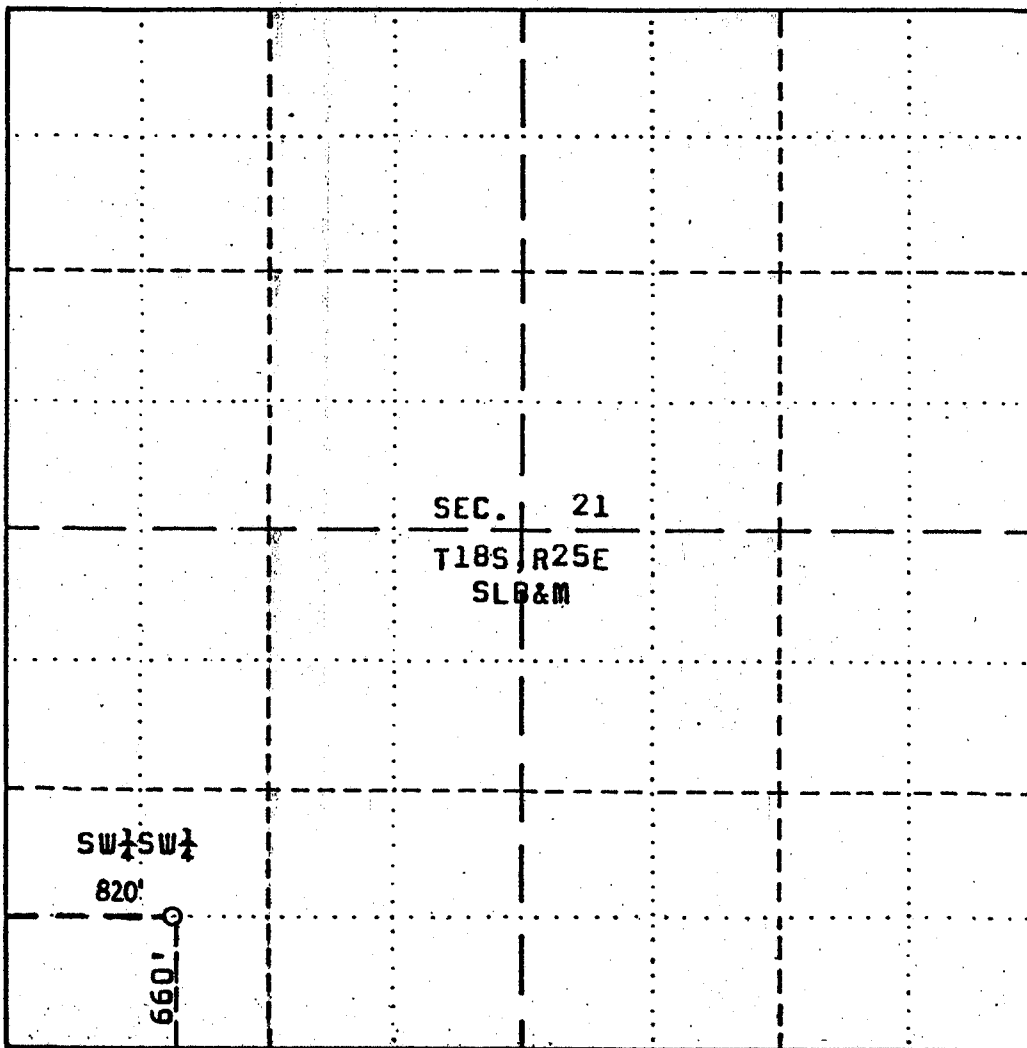
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



SCALE: 1" = 1000'

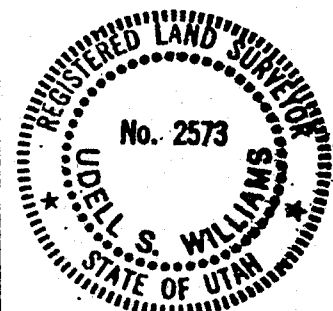
H.D. #21-1

Located North 660 feet from the South boundary and East 820' feet from the West boundary of Section 21, T18S, R25E, SLB&M.

N RP 200' = 4947.3
S RP 200' = 4962.6
E RP 200' = 4956.4
W RP 150' = 4961.5

⁴⁹⁵⁴
Elev. 5954

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

H.D. #21-1
SW 1/4 SW 1/4 SECTION 21
T18S, R25E, SLB&M

SURVEYED BY: USW DATE: 5/25/83

DRAWN BY: USW DATE: 5/25/83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M-046557 (Drilling Bond #)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR
47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 820' FWL 660' FSL, SW $\frac{1}{4}$ SW $\frac{1}{4}$
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles northwest from Mack, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'
16. NO. OF ACRES IN LEASE 5787

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6700'
19. PROPOSED DEPTH 1715'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4956' GL
22. APPROX. DATE WORK WILL START* July 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------|
| 11" | 8-5/8" | 24 | 160' | 35 sx (cement to surface) |
| 6-3/4" | 4 1/2" | 10 1/2 | 1715' | 135 sx |

Well will be drilled to test the Morrison Salt Wash Formation.
All shows encountered will be tested.

Blowout equipment to be used: 8" 900 series double gate shaffer hydraulic type LWS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Linda Conde TITLE Production Manager DATE June 14, 1983

(This space for Federal or State office use)

PERMIT NO. APPROVED BY E. W. Guynn District Oil & Gas Supervisor DATE JUN 29 1983
CONDITIONS OF APPROVAL, IF ANY:

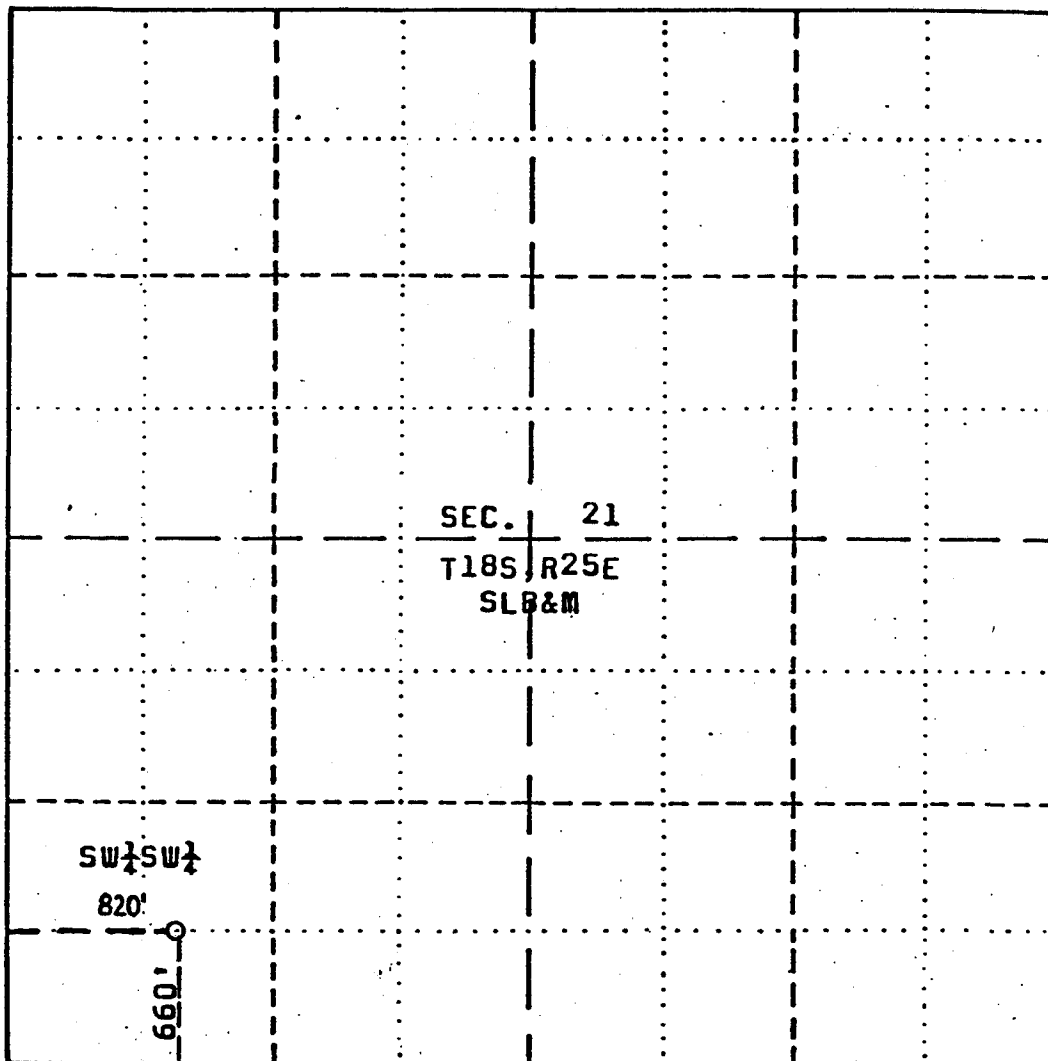
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

RECEIVED
OIL & GAS OPERATIONS
SALT LAKE CITY, UTAH
JUN 15 1983

State of UT



SCALE: 1" = 1000'

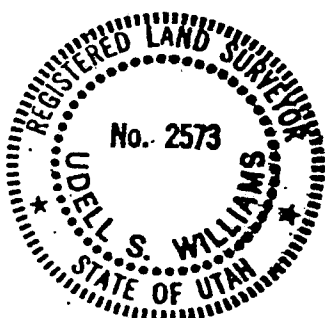
H.D. #21-1

Located North 660 feet from the South boundary and East 820' feet from the west boundary of Section 21, T18S, R25E, SLB&M.

N RP 200' = 4947.3
S RP 200' = 4962.6
E RP 200' = 4956.4
W RP 150' = 4961.5

⁴⁹⁵⁴
Elev. 5954

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

H.D. #21-1
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SECTION 21
T18S, R25E, SLB&M

SURVEYED BY: USW DATE: 5/25/83
DRAWN BY: USW DATE: 5/25/83

Ambra Oil & Gas Company
Well No. 21-1
Section 21, T. 18 S., R. 25 E.
Grand County, Utah
Lease U-49684

Supplemental Stipulations

- 1) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mancos and/or Dakota formations. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

SEED MIXTURE

| <u>Grasses</u> | | <u>lbs/acre</u> |
|------------------------|------------------|-----------------|
| Oryzopsis hymenoides | Indian ricegrass | 1 |
| Hilaria jamesii | Curlygrass | 1 |
| <u>Forbs</u> | | |
| Sphaeralcea coccini | Globemallow | 1 |
| <u>Shrubs</u> | | |
| Atriplex confertifolia | Shadscale | 1 |
| Ceretoides lanata | Winter fat | $\frac{1}{5}$ |

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (October-December).



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

| | |
|---------------|-------------------|
| Dynasty Green | (Sears) |
| Tumbleweed | (Pratt & Lambert) |
| Desert Tan | ----- |
| Sage Gray | (Pratt & Lambert) |

Bookcliffs Region:

| | |
|---------------|-------------------|
| Sage Gray | (Pratt & Lambert) |
| Sea Life | (Pratt & Lambert) |
| Dynasty Green | (Sears) |

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly, thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M-046557 (Drilling Bond #)

5. LEASE DESIGNATION AND SERIAL NO.

U-49684

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-NA

7. UNIT AGREEMENT NAME

-NA

8. FARM OR LEASE NAME

Harley Dome

9. WELL NO.

Harley Dome 21-1

10. FIELD AND POOL, OR WILDCAT

~~Harley Dome~~11. SEC., T., R., M., OR ELE.
AND SURVEY OR AREA

Sec. 21, T18S R25E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Ambra Oil and Gas Company

3. ADDRESS OF OPERATOR

47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

825' FWL 660' FSL, SW $\frac{1}{4}$ SW $\frac{1}{4}$

At proposed prod. zone

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20 miles northwest from Mack, Colorado

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LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

5787

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

6700'

19. PROPOSED DEPTH

1715' SALT WASH

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4956' GL

22. APPROX. DATE WORK WILL START*

July 1, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

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|--------------|----------------|-----------------|---------------|---------------------------|
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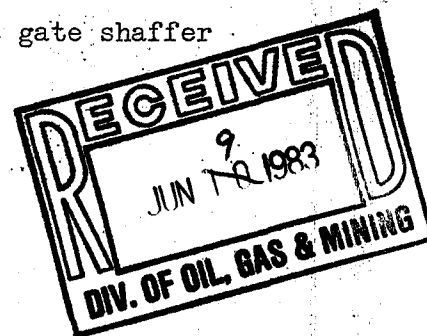
Well will be drilled to test the Morrison Salt Wash Formation.
All shows encountered will be tested.

Blowout equipment to be used: 8" 900 series double gate shaffer
hydraulic type LWS

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Sinda Conde

TITLE

Production Manager

DATE

June 8, 1983

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BUREAU OF LAND MANAGEMENT

Oil and Gas Operations

2000 Administration Building

1745 West 1700 South

Salt Lake City, Utah 84104

RE: Harley Dome 21-1

NTL-6 Supplementary Information for
APD, 9-331-C

Application for Ambra Oil & Gas Company, a Utah corporation, to drill in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, T18S R25E, Grand County, Utah is set forth on Form 9-331-C. The purpose of this letter is to present the additional information as required by the NTL-6 regulation.

1. Geologic Name of Surface Formation: Cretaceous Mancos Shale

2. Geological Formation Tops:

&

| | | |
|---------------|-----------------------|---------|
| 3. Cretaceous | Mancos Shale | Surface |
| | Dakota | 1106' |
| | Cedar Mountain | 1237' |
| Jurassic | Morrison Brushy Basin | 1277' |
| | Morrison Salt Wash | 1612' |
| | Total Depth | 1715' |

4. Casing Program: See Form 9-331-C.

5. Pressure Control Equipment: BOP and manifold will be tested to 1000 psi prior to drilling out shoe joint. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold will be visually inspected daily. All tests will be recorded on daily tour sheets. See BOP schematic.

6. Drilling and Circulating Medium: Operator plans to drill with air and air mist as far as possible. A water-based drilling fluid will be used in the event formation water is encountered, to control or kill oil or gas flows, and when running long string (4 $\frac{1}{2}$ ", 10 $\frac{1}{2}$ lb casing). It will consist of an invert polymer-type biodegradable mud at 8.2 lb per gallon. Weight and mud to 10 lb per gallon will be provided if required. Potassium chloride (KCl) D.G. chemical will be added as required.

7. Auxiliary Equipment: (1) Kelly Cock - Demco; (2) Floats at the bit sub and string; (3) No monitoring equipment on mud system; and (4) Sub on floor with a full-opening valve. The fill, kill, and choke lines will be attached to the wellhead below the BOP. The following auxiliary equipment will also be used:

- a. 6000# shut-off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3 $\frac{1}{2}$ " IF to 2" valve for controlling blowouts when making round trips.

8. Testing, Logging, & Coring: Schlumberger or Gearhart. No DST's programmed. Electric logs will consist of dual induction laterlog (DIL), compensated neutron and formation density (CNFD), caliber log (CL), and sonic BHC. If casing is set, a cement bond log (CBL) and gamma ray log (GR) will be run. Drilling samples will be taken every 10 feet starting 100 feet above the Dakota formation. Microscope analysis will be done by a geologist.

9. The maximum bottom hole pressure expected is 1500 psi. Flexibility provisions are the BOP and high-pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. The approximate starting date is July 1, 1983, and drilling should take from five to ten days.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Ambra Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

June 8, 1983
Date

Linda Conde
LINDA CONDE
Production Manager

June 8, 1983

BUREAU OF LAND MANAGEMENT
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Harley Dome 21-1
Multipoint Requirements

1. Existing Roads

a. Proposed well site is staked.

b. Route and distance from nearest town. Well site is located approximately 20 miles northwest of Mack, Colorado. Exit at the Ranch Exit near mile post 219 on I-70 between Cisco, Utah and Mack, Colorado. Turn onto the frontage road north of I-70 and proceed along that road (north) for approximately 9½ miles. This road parallels Westwater Creek. At the junction of this road with the Harley Dome County Road, turn right, go approximately .4 mile to a major junction, and then turn right again. Travel down the Harley Dome County Road (southeast) approximately 2½ miles until a corral is seen on the left. The proposed well location is immediately southeast of the corral and is easily visible from the County Road. The length of the new access road is approximately 75 feet to the south side of the well pad. This new access road will be constructed according to Class III standards.

c. Access road is dotted in red. The existing roads are solid in blue.

d. Does not apply.

e. If a development well, list all the existing roads within a one-mile radius of well site. This radius includes the Harley Dome County Road.

f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. No improvements to existing roads are required.

2. Planned Access Road

1. Width: 16' travel surface, 24' disturbed width.

2. Maximum grades: ½ to 1 degree. No waterbars are needed.

3. Turn-out: No turn-outs are needed.

4. Drainage design: small borrow pit on one side for drainage. Should production be established, the road will be upgraded to include ditch and crown.

5. No culverts are needed in this area. No major cuts or fills are required.

6. Surfacing material: none needed. The road will be lightly scraped on the surface.

7. Necessary gates, cattleguards, or fence cuts: none needed.

8. New or constructed roads. Operator will make use of existing roads in the area whenever possible. The new access road will be constructed approximately 75 feet in length from an existing road to the south side of the well pad and according to Class III standards. The width will be 16' travel surface, 24' disturbed width, scraped only on the surface. The top 4 inches of topsoil will be windrowed on the uphill side of the access road. All trees and vegetation will be left in place where possible. Surface disturbance will be kept to a minimum. The access road will require no major cuts or fills.

3. Location of Existing Wells

a. See USGS topographic map.

b. Producing wells in a one-mile radius:

1. Sec. 29 Texota 1-B; gas

c. Producing wells in a two-mile radius:

1. Sec. 27 Lansdale 8; gas

d. No water, disposal, or injection wells are in a one-mile radius.

4. Location of Existing and/or Proposed Facilities

a. 1. Tank batteries. If oil production is established, new tank batteries will be installed in the southwest corner of the proposed location and will be 125 feet from the wellhead.

2. Production facilities. If gas production is established, new production facilities will be installed in the southwest corner of the proposed location. All the above-ground production equipment will be painted using one of the approved colors provided by BLM personnel in their concurrence letter.

3. Oil gathering lines. None - only to tank at location if oil production is established.

4. Gas gathering lines. If the well qualifies for hook-up, Northwest Pipeline will run a lateral from their Grand Valley Line located in T18S R25E to the well.

5. Injection lines. None.

6. Disposal lines. None.

b. Any new facilities required in the event of production will be located in the southwest corner of the proposed location. See the enclosed sketch of the area showing planned production facilities. All open and exposed pits will be fenced to protect livestock and wildlife, and an earthen fire bunker will be built around any tanks to hold 110% of the tank volume. Gas lines will be laid on the surface to the Grand Valley Line located in T18S R25E operated by Northwest Pipeline. A time schedule for this will be within a 60-day period upon completion of the well.

c. The reserve pit and any portion of the location and access road not needed for production or production facilities will be reclaimed as described in the rehabilitation section. All stockpiled/windrowed topsoil will be used in reclaiming unused areas.

5. Location and Type of Water Supply

a. Westwater Creek, approximately 3.25 miles west of location. We have applied for a state water permit.

b. Method of transporting water. Water tank truck.

c. No water well is planned or needed.

6. Source of Construction Materials

The location will be on Federal land so if any sand or gravel is needed, it will be brought into the area from a private source in Thompson, Utah, 30 miles west. Until production is established, the road will be a surface-scraped dirt road from the existing road to the proposed well location. No construction materials are planned or needed. This is flat desert land on a Mancos Shale formation. Bladed roads that are watered and packed down are the best roads for this area.

7. Method for Handling Waste Disposal

Cutting and drilling fluids will be discharged via air into the reserve pit. A portable chemical toilet will be on location for sewage. Garbage and waste materials will be placed in a trash cage and hauled out when work is completed. Produced fluids (oil and water) will go into tanks and pits, respectively. The blowey line will be 125 feet long, centered, and angled down into the reserve pit. It will be anchored. The blowey line will be misted while drilling with air. The area will be free of trash and debris when the rig is moved out. If any waste material is to be burned, a burning permit will be obtained from the State Land Forestry and Fire Control office in Moab, Utah prior to burning.

8. Auxiliary Facilities

None other than a trailer and dog house. No camp or air strip is required.

9. Well Site Layout

1. Cross section of 150' x 150' drilling pad with cuts and fills. Half of the top 4 inches of soil material will be stockpiled on the north side of the location and half stockpiled on the south side of the location separate from trees and vegetation. Trees and vegetation will be stockpiled on the east side of location.

2. Mud tank, reserve pit, and trash cage. See well pad schematic. The reserve/blouey pit will be located on the north side of the location. The pit will be fenced on 3 sides prior to drilling, and the fourth side will be fenced when drilling is completed. The fence will be 36" high of woven wire plus one strand of barbed wire for support.

3. See drawing.

4. Pits are to be unlined.

10. Restoration Plans

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dumpsite. No trash will be left in the pits.

2. The operator or his contractor will notify the Grand Resource Area BLM Office in Moab, Utah (801-259-8193) four to eight hours prior to starting rehabilitation work that involves earthmoving equipment. The Grand Resource Area BLM Office in Moab will again be notified upon completion of restoration.

3. Prior to any dirtwork restoration of disturbed areas, the reserve/blouey pit will be dry and completely free of any trash or debris. Any such trash or debris will be removed from the pit and public lands.

4. All disturbed areas to be restored will be recontoured to blend with the surrounding area. The stockpiled topsoil will be evenly distributed over the rehabilitated area. All rehabilitated areas will be scarified on the contour to a depth of 6 inches.

5. The rehabilitated area will be seeded from October 15 to November 15 or any other time that the Grand Resource Area Office approves. BLM personnel will supply the appropriate seed mixture in their concurrence letter. The seed mixture will be broadcast only. Following broadcast seeding, the area will be harrowed or dragged to assure seed cover. The stockpiled vegetation will then be scattered evenly over the reclaimed area and walked down with a dozer. Any reclaimed access roads will be blocked to prevent use.

6. If the proposed well is completed as a producer, any unused areas will be reclaimed as previously described.

7. After the rig is moved.

8. If there is oil in the pit, we will either remove it or install overhead flagging.

9. Rehabilitation of the well site area will be completed within 60 days after abandonment with the exception of reseeding following BLM instructions (October 15 to November 15). In the event the well is completed as a dry hole, rehabilitation will take place within 60 days after release of the drilling rig. In the event the well is completed as a commercial producer of oil and/or gas, unused portions of the well pad will be rehabilitated within 60 days after completion. All restoration will be as per BLM instructions.

11. Other Information

1. The location is part of the Green River desert area. Vegetation consists of juniper, sagebrush, rabbitbrush, and various grasses. Cattle and sheep graze the area in the fall and spring seasons.

2. The Grand Resource Area office in Moab, Utah (801-259-8193) will be contacted 48 hours prior to commencing any work on public lands.

3. The operator's dirtwork and drilling contractors will be furnished with an approved surface-use plan and BLM stipulations prior to any work.

4. An archaeological survey was conducted by Curtis Martin of the Grand River Institute on June 3, 1983. A written report will be sent directly to the BLM Grand Resource Area office by the Grand River Institute.

5. If any subsurface cultural material is exposed during construction, work will stop immediately, and the Grand Resource Area Office will be notified. All persons in the area will be informed of possible prosecution if they disturb archaeological sites or remove artifacts.

12. Operator

Ambra Oil and Gas Company
American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101

Telephone: (801) 532-6640

Attention: Wesley Pettingill

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that

Harley Dome 21-1
Page 6
Multipoint Requirements

the work associated with the operations proposed herein will be performed by Ambra Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date June 8, 1983

Linda Conde
LINDA CONDE
Production Manager

Cut & Fill Diagram

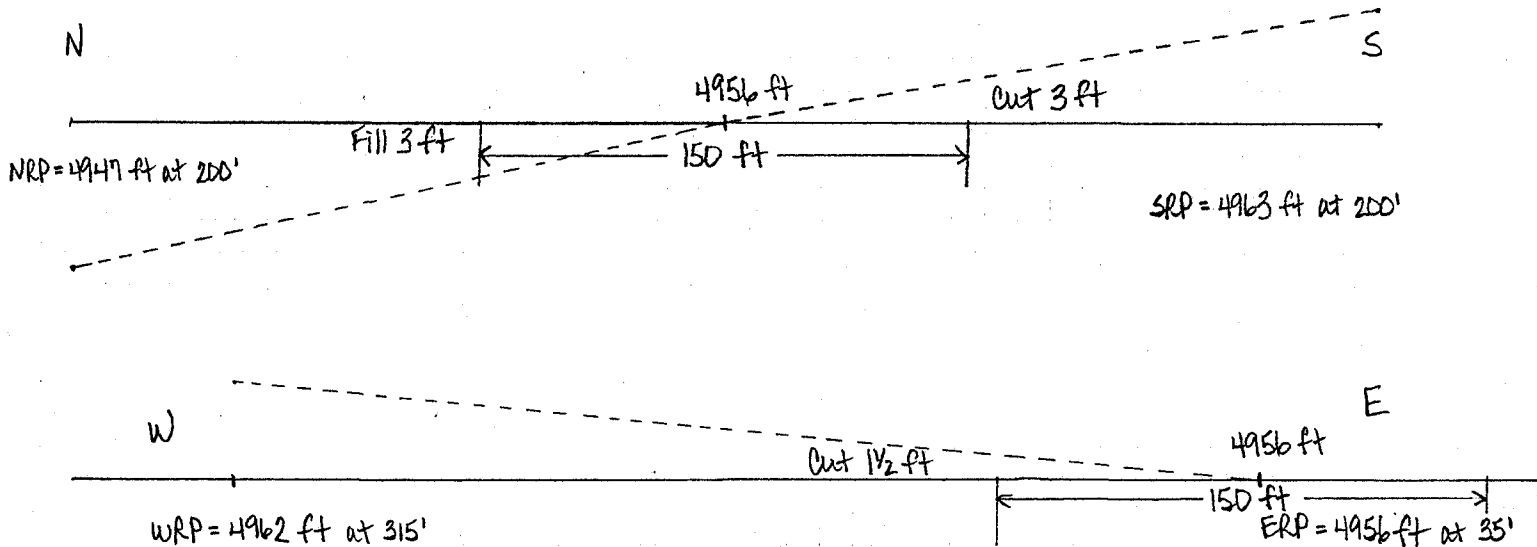
Harley Dome 21-1

Section 21, T18S R25E

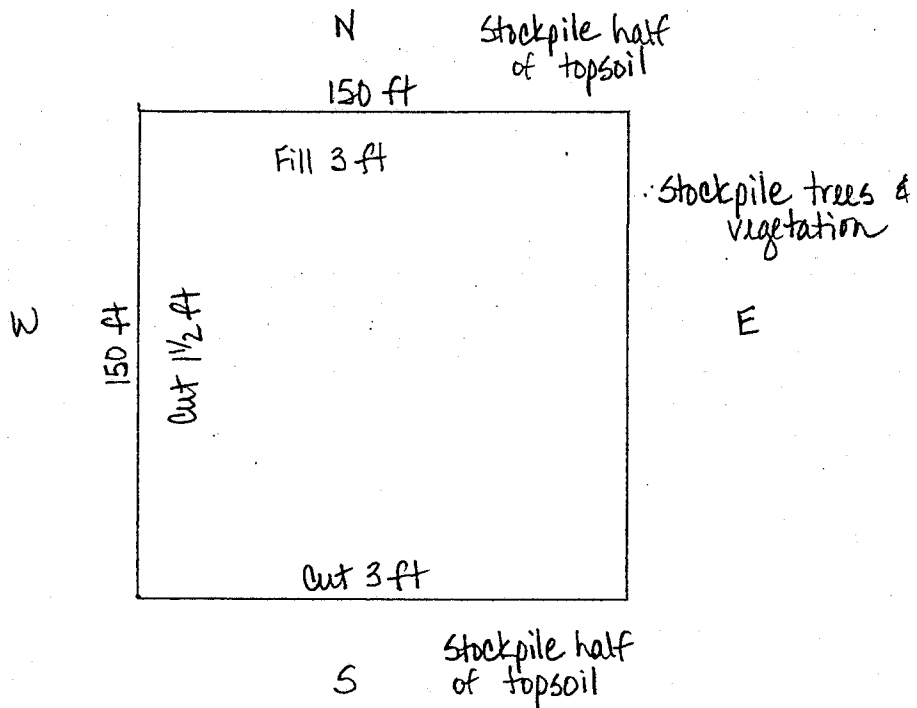
Well pad dimensions: 150' x 150'

Horizontal Scale: 1" = 60'

Vertical Scale: 1" = 12'

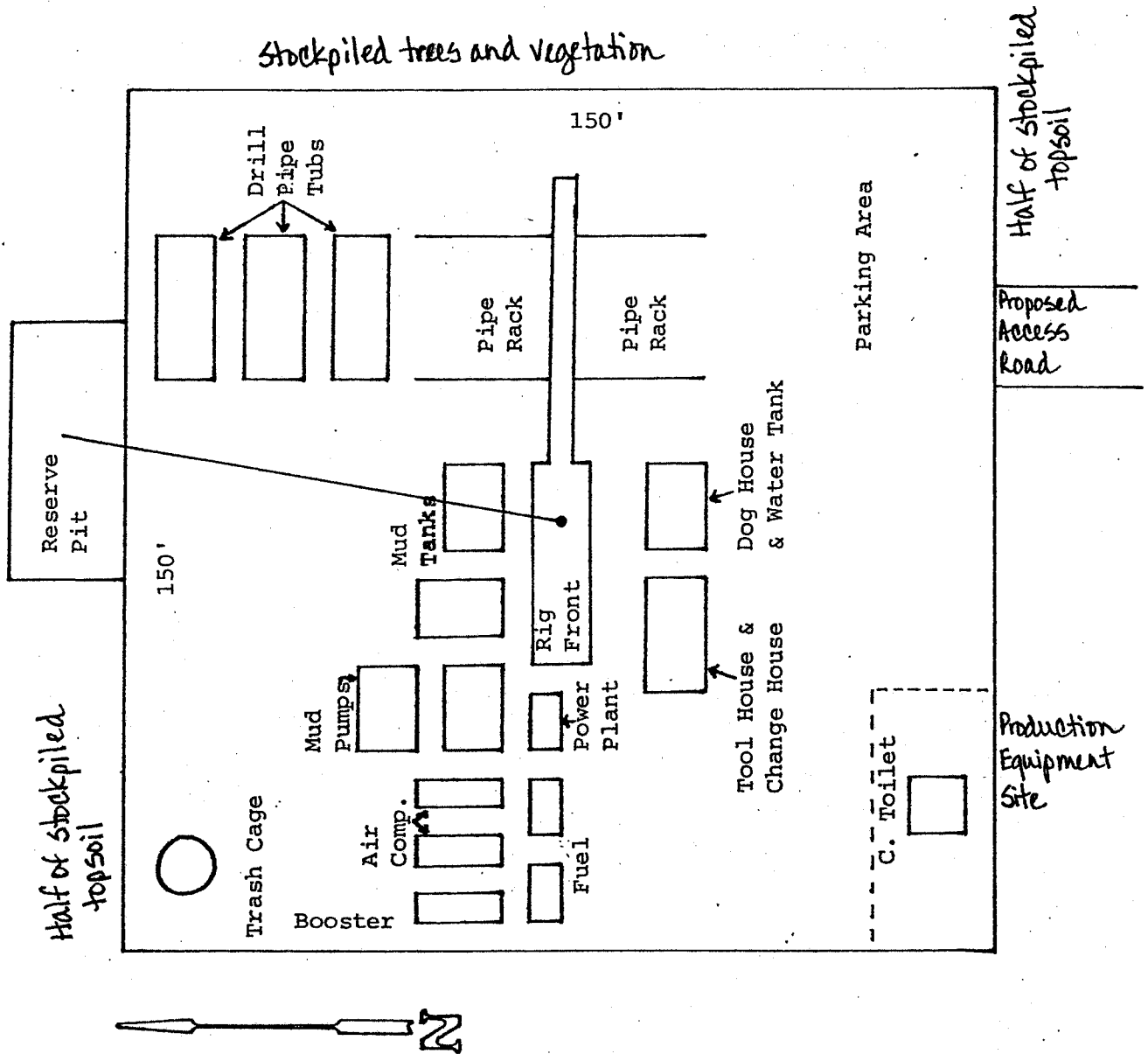


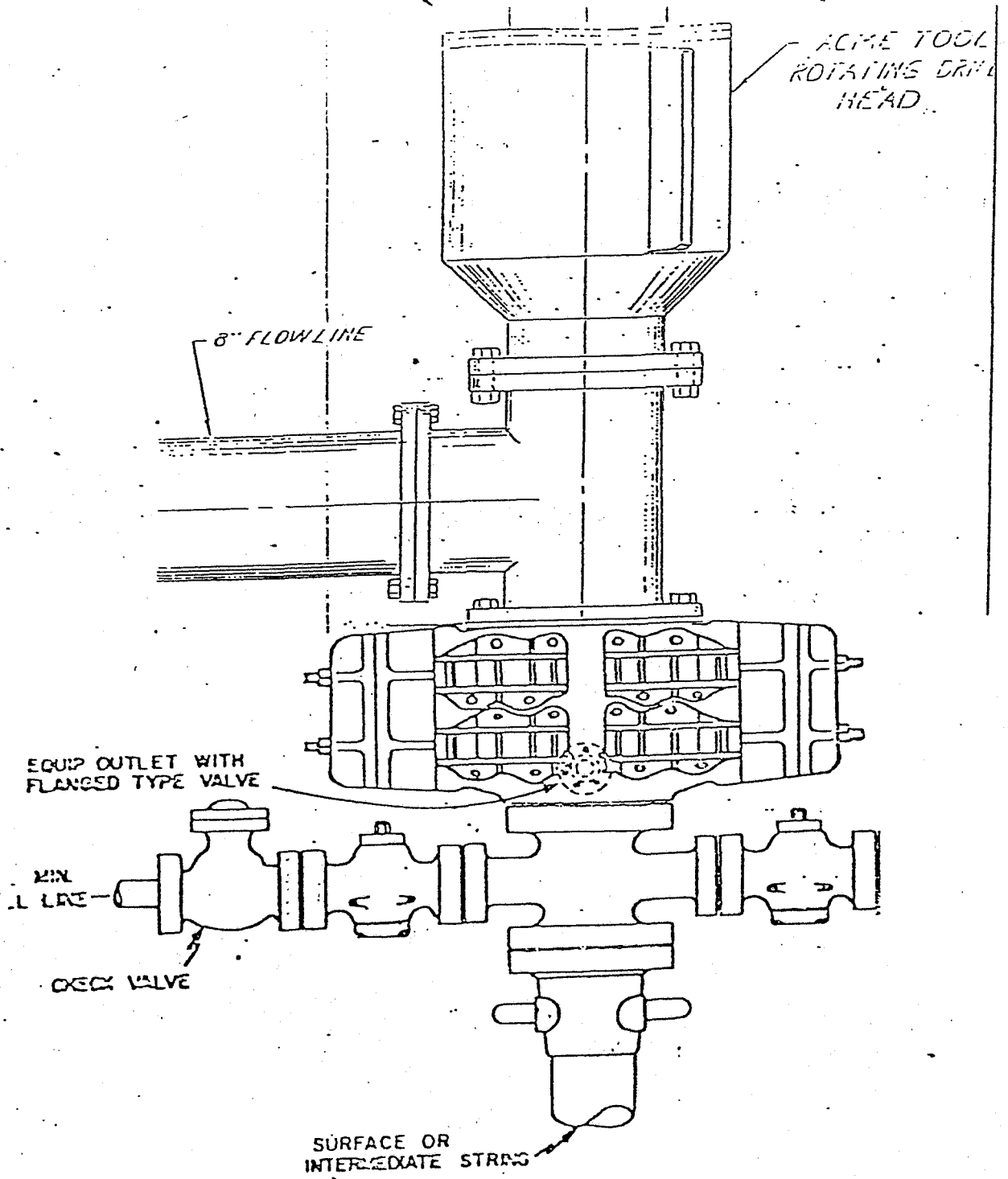
Well stake was moved 165' east of original staked location.



WELL PAD SCHEMATIC

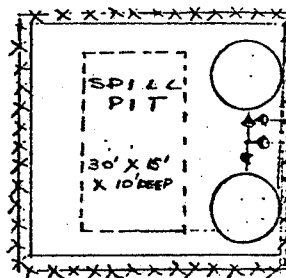
Harley Dome 21-1
Section 21, T18S R25E



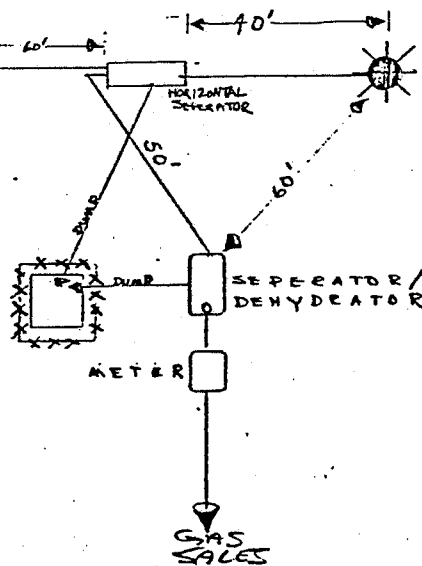


TANK BATTERY OIL SALES

FENCED
AND
FIRE
BERMED



PIT 15
10' X 8' X
4' DEEP



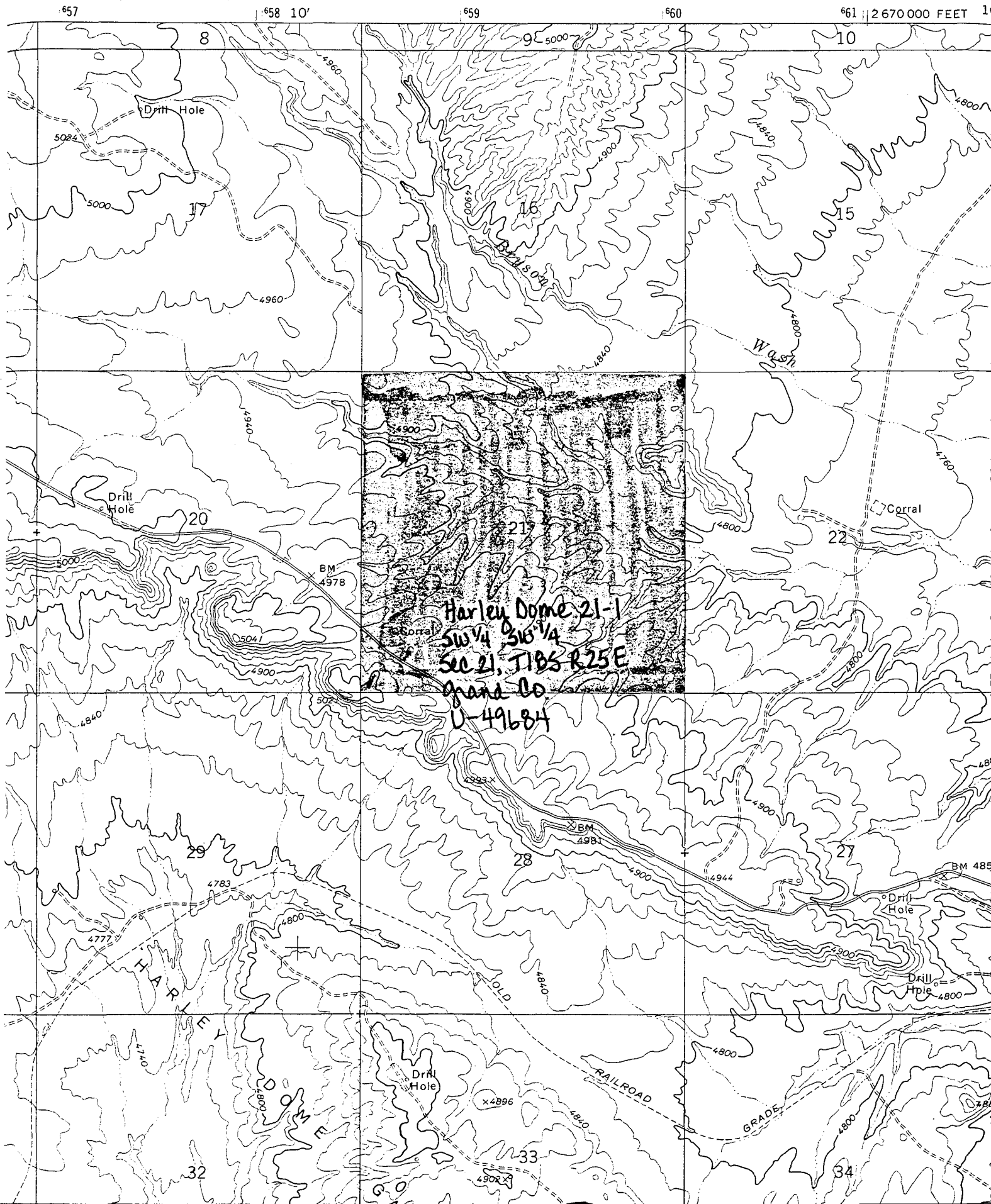
OIL AND/OR GAS

SCALE 1" = 40'

HARLEY DOME QUADRANG

UTAH-GRAND CO.

7.5 MINUTE SERIES (TOPOGRAPHY)



OPERATOR

Conbra Oil & Gas

DATE

6-10-83

WELL NAME

Harley Dome 21-1

SEC

SWSW 21

T

185

R

25E

COUNTY

*Grand**43-019-31072*

API NUMBER

Ind.
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

*Well (5) too close to boundary lines. 4/10/83**✓ Revised APD & plat returned 4/17/83.*

✓ CHIEF PETROLEUM ENGINEER REVIEW:

*6/17/83 C-3-b statewide spacing.
1 month sp Cisco spaced area ✓*

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☒

c-3-c

SPECIAL LANGUAGE:

WATER - Westwater Creek

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER NO

☐ UNIT NO

☐ c-3-b -

☒ c-3-c gas

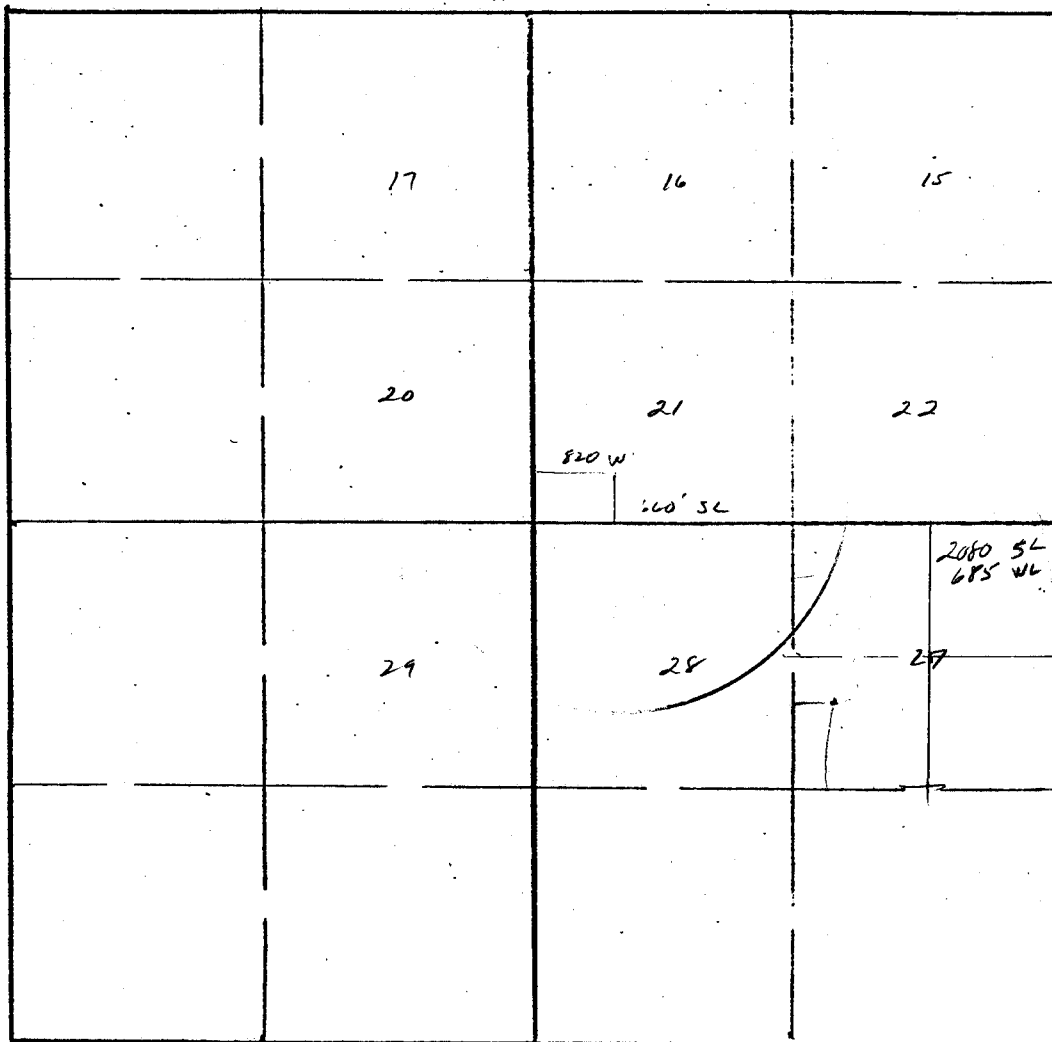
☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

R-25E



SCALE: 1" = 1000'

June 17, 1983

Ambra Oil & Gas Company
47 West 2nd South, Suite 510
Salt Lake City, Utah

RE: Well No. Harley Dome 21-1 ✓
SWSW 21, T.18S, R.25E
660 FSL, 820 FWL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. A copy of the Utah Division of Water Rights (801-533-6071) approval for temporary diversion of Westwater Creek must be submitted prior to spudding, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31072.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Encl.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: AMBRA OIL & GAS

WELL NAME: Harley Dome 21-1

SECTION ☒ SWSW 21 TOWNSHIP 18S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Starnier

RIG # 9

SPODDED: DATE 7-26-83

TIME 12:00 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Linda Conde

TELEPHONE # 532-6640

DATE 7-27-83 SIGNED AS

*Water
&
AS*

NOTICE OF SPUD

Company: Ambera
Caller: Linda
Phone: _____

Well Number: Harley Dome 21-1

Location: SW SW Sec 21-185-25E

County: Grand State: Utah

Lease Number: 21-49684

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 7-26-83 12:00 PM

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

11" hole

Rotary Rig Name & Number: Starnes, D. Rig

Approximate Date Rotary Moves In: 7-25-83

FOLLOW WITH SUNDRY NOTICE

Call Received By: DeLois

Date: 7-27-83

RECEIVED
JUL 28 1983

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | |
|---|--|--|--|
| 1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | 5. LEASE DESIGNATION AND SERIAL NO. U-49684 | |
| 2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> Other _____ | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA | |
| 3. NAME OF OPERATOR Ambra Oil & Gas Company | | 7. UNIT AGREEMENT NAME NA | |
| 4. ADDRESS OF OPERATOR 47 W. 200 S., Suite 510 Salt Lake City, UT 84103 | | 8. FARM OR LEASE NAME Harley Dome | |
| 9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 820' FWL 660' FSL, SW $\frac{1}{4}$ SW $\frac{1}{4}$ At top prod. interval reported below At total depth | | 9. WELL NO. 21-1 | |
| 10. FIELD AND POOL, OR WILDCAT Harley Dome | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec., 21, T18S R25E | |
| 14. PERMIT NO. 43-019-31072 | | DATE ISSUED 6/29/83 | |
| 15. DATE SPUDDED 7/26/83 | | 16. DATE T.D. REACHED 7/29/83 | |
| 17. DATE COMPL. (Ready to prod.) 8/15/83 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4956' GR | |
| 19. ELEV. CASINGHEAD -- | | 20. TOTAL DEPTH, MD & TVD 1640' | |
| 21. PLUG, BACK T.D., MD & TVD -- | | 22. IF MULTIPLE COMPL., HOW MANY* -- | |
| 23. INTERVALS DRILLED BY -- | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota | |
| 25. WAS DIRECTIONAL SURVEY MADE No | | 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Compensated Neutron, Cement Bond | |
| 27. WAS WELL CORED No | | 28. CASING RECORD (Report all strings set in well) | |
| Casing Size | | Weight, lb./ft. | |
| 8-5/8" | | 24# | |
| 4 1/2" | | 10 1/2# | |
| Depth Set (MD) | | Hole Size | |
| 162' | | 11" | |
| 1372' | | 6-3/4" | |
| Cementing Record | | Amount Pulled | |
| 75 sx Class G | | -- | |
| 105 sx Class G | | -- | |
| 29. LINER RECORD | | 30. TUBING RECORD | |
| Size | | Size | |
| NA | | 2-3/8" | |
| Top (MD) | | Depth Set (MD) | |
| Bottom (MD) | | Packer Set (MD) | |
| Sacks Cement* | | Screen (MD) | |
| 31. PERFORATION RECORD (Interval, size and number) 1083-1093' 2 JSPF | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
| Depth Interval (MD) | | Amount and Kind of Material Used | |
| NA | | | |
| 33. PRODUCTION | | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented | |
| Date First Production | | Production Method (Flowing, gas lift, pumping—size and type of pump) 460 MCF | |
| Well Status (Producing or shut-in) Shut-in | | 35. LIST OF ATTACHMENTS Electric Logs | |
| Date of Test 8/15/83 | | Hours Tested | |
| Choke Size 1 1/2" | | Prod'n. for Test Period | |
| Oil—BBL. | | Gas—MCF. 74 psi | |
| Water—BBL. | | Gas—OIL RATIO | |
| Flow. Tubing Press. | | Casing Pressure 255 | |
| Calculated 24-Hour Rate | | Oil—BBL. | |
| Gas—MCF. 460 MCF | | Water—BBL. | |
| Oil Gravity-API (CORR.) | | Test Witnessed By J. Kirksey | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | SIGNED <u>Jinda Conde</u> TITLE <u>Production Manager</u> DATE <u>Sept. 1, 1983</u> | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | | | | 38. GEOLOGIC MARKERS | | |
|---|---------|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| Mancos Shale | Surface | | | | | |
| Dakota | 922' | | | | | |
| Morrison | 1174' | | | | | |
| TD | 1640' | | | | | |



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 27, 1986

Ambra Oil & Gas Company
American Plaza III
47 West 200 South #510
Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. Harley Dome 21-1 - Sec. 21, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-31072

The referenced well was noted as plugged and abandoned on the April 1986 production report (copy enclosed). Please send a copy of the subsequent P & A sundry NLT 7-18-86 so that proper documentation for the action will be on file. The response should be addressed to:

Division of Oil, Gas & Mining
Attention: Suspense File - Norm Stout
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84280-1203

Respectfully,

Norman C. Stout
Administrative Assistant

pk
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/14

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

U-49684

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other (specify)

2. Name of Operator

AMBERA OIL & GAS CO.

3. Address of Operator

48 WEST 500 SOUTH, 307N,
SALT LAKE CITY, UTAH 84101

4. Telephone Number

532-6640

9. Well Name and Number

HARLEY DOME 21-1

10. API Well Number

43-01931072

11. Field and Pool, or Wildcat

HARLEY DOME

5. Location of Well

Footage :

QQ, Sec, T., R., M. : SW 1/4 SW 1/4 of Sec. 21 T. 18 S., R. 25 E.

County : GRAND

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other SHUT-IN | |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WELL IS SHUT IN PENDING DISPOSITION OF AGREEMENT
WITH MINERALS MANAGEMENT SERVICE ON PART
DELAYED RENTALS AND PROBABLE SALE.

RECEIVED

JAN 13 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Title

Administrator

Date

1/31/92

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PETRO-X CORPORATION

3. Address and Telephone No.

1709 SOUTH WEST TEMPLE, SLC, UT 84115 801-467-7171

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

820' FWL 660' FSL
SECTION 21, T18S, R25E

5. Lease Designation and Serial No.

U-49684

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

AMBRA 21-1

9. API Well No.

43-019-31072

10. Field and Pool, or Exploratory Area

GREATER CISCO

11. County or Parish, State

GRAND

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PETRO-X CORPORATION HAS ASSUMED ALL OF THE OBLIGATIONS AS OPERATOR FOR THIS WELL. ASSIGNMENT OF THIS LEASE WAS RECEIVED ON AUGUST 4, 1992 FROM THE BANKRUPTCY COURT OF UTAH, WITH THE CONCURRENCE OF THE UTAH STATE OFFICE OF THE BUREAU OF LAND MANAGEMENT AND MINERALS MANAGEMENT SERVICES, DENVER, COLORADO

RECEIVED

AUG 06 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

SECRETARY

Date

5 AUG 92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PETRO-X CORPORATION

3. Address and Telephone No.

1709 SOUTH WEST TEMPLE, SLC, UT 84115 801-467-7171

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

820' FWL 660' FSL
SECTION 21, T18S, R25E

5. Lease Designation and Serial No.
U-49684

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
AMBRA 21-1

9. API Well No.

43-019-21072

10. Field and Pool, or Exploratory Area

GREATER CISCO

11. County or Parish, State

GRAND

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

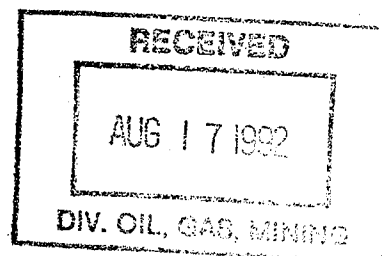
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PETRO-X CORPORATION HAS ASSUMED ALL OF THE OBLIGATIONS AS OPERATOR FOR THIS WELL. ASSIGNMENT OF THIS LEASE WAS RECEIVED ON AUGUST 4, 1992 FROM THE BANKRUPTCY COURT OF UTAH, WITH THE CONCURRENCE OF THE UTAH STATE OFFICE OF THE BUREAU OF LAND MANAGEMENT AND MINERALS MANAGEMENT SERVICES, DENVER, COLORADO



14. I hereby certify that the foregoing is true and correct

Signed *[Signature]*

Title SECRETARY

Date 5 AUG 92

(This space for Federal or State office use)

Approved by *William C. Stanger*
Conditions of approval, if any:

Title Assistant District Manager
for Minerals

Date 8/13/92

ALS 8/13/92

CONDITION

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Petro-X Corporation
Well No. 21-1
SWSW Sec. 21, T. 18 S., R. 25 E.
Grand County, Utah
Lease U-49684

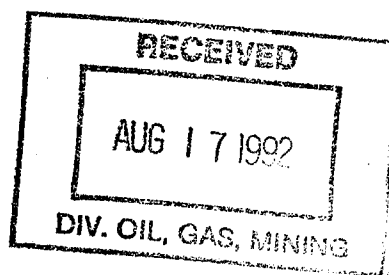
CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Petro-X Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0823 (Principle - Petro-X Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| | |
|---------|-------|
| Routing | |
| 1-LCR | 7-LOR |
| 2-DTS | 13 |
| 3-VLC | |
| 4-RJF | ✓ |
| 5-RWM | ✓ |
| 6-ADA | ✓ |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-4-92)

| | | | |
|-------------------|--------------------------------|------------------------|-------------------------------------|
| TO (new operator) | <u>PETRO-X CORPORATION</u> | FROM (former operator) | <u>AMBRA OIL & GAS COMPANY</u> |
| (address) | <u>1709 S W TEMPLE</u> | (address) | <u>48 W 300 S #307 N</u> |
| | <u>SALT LAKE CITY UT 84115</u> | | <u>SALT LAKE CITY UT 84101-2008</u> |
| | <u>DEAN CHRISTENSEN</u> | | <u>KERRY MILLER</u> |
| phone | <u>(801) 467-7171</u> | phone | <u>(801) 532-6640</u> |
| account no. | <u>N 0715</u> | account no. | <u>N 0030</u> |

Well(s) (attach additional page if needed):

| | | | | |
|------------------------------------|--------------------------|---------------------|---|----------------------------|
| Name: <u>HARLEY DOME 21-1/DKTA</u> | API: <u>43-019-31072</u> | Entity: <u>8213</u> | Sec <u>21</u> Twp <u>16S</u> Rng <u>25E</u> | Lease Type: <u>U-49684</u> |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- * 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *See BLM Approval*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-6-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-20-92)*
- See 6. Cardex file has been updated for each well listed above. *(8-20-92)*
- See 7. Well file labels have been updated for each well listed above. *(8-20-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-20-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- ☒ 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) _____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Run 1. All attachments to this form have been microfilmed. Date: Aug 25 1992.

FILING

- cl 1. Copies of all attachments to this form have been filed in each well file.
- * 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

920820 Btm/Moeb Approved 8-13-92 eH. 8-4-92.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PETRO-X CORPORATION

3. Address and Telephone No.

1709 SOUTH WEST TEMPLE, SLC, UT 84115 801-467-7171

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

820' FWL 660' FSL
SECTION 21, T18S, R25E

5. Lease Designation and Serial No.
U-49684

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

AMBRA 21-1
Harley Dome 21-1

9. API Well No.

43-019-21072

10. Field and Pool, or Exploratory Area

GREATER CISCO

11. County or Parish, State

GRAND

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PETRO-X CORPORATION WAS ASSIGNED THIS LEASE FROM MMS EFFECTIVE AUGUST 1992. THIS WELL HAS BEEN PLACED INTO PRODUCTION.

RECEIVED

AUG 06 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

SECRETARY

Date

5 AUG 92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED

NOV 04 1992

Recommendations;

DIVISION OF
OIL, GAS & MINING

Fed #1

1. Perforate additional zones in the Morrison formation from 990' - 1000'. This zone showed significant gas readings from a flow test.
2. Perforate additional zones in the upper Dakota formation from 820' - 880' (gross zone, details to be worked out). This zone indicates a high potential with good resistivity and excellent porosity of nearly 15%.

Ambra 21-1

1. Evaluate lab tests on fluid from perfs @ 1083' - 1093'. This zone correlates with perforated interval in the Harley Fed #1 and shows good resistivity and porosity of 16%.
2. Consider stimulation of above interval, possibly a Nitrogen frac job.

Lansdale #8

1. Perforate upper bench in Dakota formation from 570' - 606' (gross zone, details to be worked out).
2. Perforate stray sand in Dakota formation 690' - 715' (gross zone). This sand correlates with perforated interval in the Ambra 21-1 well. It shows very good resistivity and averages 15% porosity.

Robert L. Ballou
Professional Geologist # 629

Robert L. Ballou

31441 apc

Form 3160-5
(June 1991)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 04 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993DIVISION OF
OIL, GAS & MININGUse this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. ☐ Other

Corporation

West Temple, SLC, UT 84115
(City, R., M., or Survey Description)

SEC 21, T18S R25E

FWL

5. Lease Designation and Serial No.

U-49684

6. If Indian, Allotment or Tribe Name

7. If Unit or CA, Agreement ID

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

CHECK BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NATURE OF ACTION

TYPE OF ACTION

☒ Permit☐ Lease☐ Abandonment Notice☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other

STIMULATION of

ZONE

☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report return of multiple completion well

Completion or Resonance Report and Logging

Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is drilled, include well logs and measured and true vertical depths for all markers and zones pertinent to this work.)*

① Form Breakdown of Zone with Fluid Displacement

Well Back

into Production.

Well is logged off. If sufficient oil is
Developed, OPR will install a 200 BBL Tank and
Pumpjack.ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

I certify the foregoing is true and correct

DATE: 11-4-92

BY: [Signature]

Title

(Official or State office use)

Title

Date

(Signature, if any)

It is a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

RECEIVED

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 04 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

DIVISION OF

SUNDRY NOTICES AND REPORTS ON OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49684

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Petro-X Corporation

3. Address and Telephone No.

1709 So West Temple, SLC, UT 84115

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/4 SW/4 Sec 21, T18S R25E

660' x 820' FWL

7. If Unit or CA, Agreement Designation

Lundy Dome 21-1

8. Well Name and No.

Hagart 21-1

9. API Well No.

43-019-31072

10. Field and Pool, or Exploratory Area

GREATER CISO

11. County or Parish, State

Garland, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other
- STIMULATION of
-
- ZONE
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Log)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

① Perform Breakdown of Zone with Fluid (Water) on KCL.

② SWAB WELL BACK

③ Place into Production.

WELL IS LOGGED OFF. If sufficient oil is DEVELOPED, OPR WILL INSTALL A 200 BBL TANK AND PUMPSACK.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

14. I hereby certify that the foregoing is true and correct

Signed _____

Title _____

DATE: 11-4-92

BY: [Signature]

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

RECEIVED

NOV 04 1992

Recommendations:

DIVISION OF
OIL, GAS & MINING

Fed #1

1. Perforate additional zones in the Morrison formation from 990' - 1000'. This zone showed significant gas readings from a flow test.
2. Perforate additional zones in the upper Dakota formation from 820' - 880' (gross zone, details to be worked out). This zone indicates a high potential with good resistivity and excellent porosity of nearly 15%.

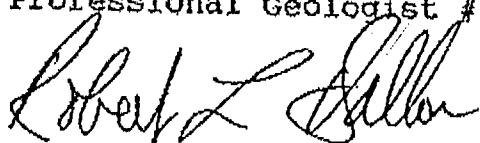
Ambra 21-1

1. Evaluate lab tests on fluid from perfs @ 1083' - 1093'. This zone correlates with perforated interval in the Harley Fed #1 and shows good resistivity and porosity of 16%.
2. Consider stimulation of above interval, possibly a Nitrogen frac job.

Lansdale #8

1. Perforate upper bench in Dakota formation from 570' - 606' (gross zone, details to be worked out).
2. Perforate stray sand in Dakota formation 690' - 715' (gross zone). This sand correlates with perforated interval in the Ambra 21-1 well. It shows very good resistivity and averages 15% porosity.

Robert L. Ballou
Professional Geologist # 629



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 22 1994

FORM APPROVED
Budget Bureau No. 1004-0133
Expires: March 31, 1991

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Austin Gas Gathering Corporation

3. Address and Telephone No.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 21, T18S R25E

5. Lease Designation and Serial No.

ITTH-60954 49684 ecj

6. If Indian, Allottee or Tribe Name
per H. Robledo

7. If Unit or CA, Agreement Description

8. Well Name and No.

Ambra 21-1

9. API Well No.

43-019-31072

10. Field and Pool, or Exploratory Area

Harley Dome

11. County or Parish, State

Grand County

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completions as Well Completion or Recompletion Report and Log forms.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator to Austin Gas Gathering Corporation

RECEIVED
HOB DISTRICT OFFICE
SEP 26 PM 4:16
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct

Signature Alise Robledo

Title President

Date 9-3-94

(This space for Federal or State office use)

Approved by C. Delano Boehs

ACTING Associate District Manager

Date 9-19-94

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

APPROVE w/ standard COAs + one attached; ecj 9/13/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to buy or sell within its jurisdiction.

Austin Gas Gathering Corporation
Well No. Ambra 21-1
Sec. 21, T. 18 S., R. 25 E.
Grand County, Utah
Lease U-49684

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Austin Gas Gathering Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by BLM bond No. UT0983 (Principal - Austin Gas Gathering Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

SELF-CERTIFICATION STATEMENT

BE ADVISED THAT AUSTIN GAS GATHERING CORPORATION IS CONSIDERED TO BE THE OPERATOR OF WELL NUMBER AMBRA 21-1, SECTION 21, TOWNSHIP 18 SOUTH, RANGE 25 EAST, LEASE UTU-69951, GRAND COUNTY, UTAH AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS.

BOND COVERAGE IS PROVIDED BY BOND NUMBER UTAH 587352. (PRINCIPAL AGGC) VIA SURETY CONSENT AS PROVIDED FOR IN 43 CFR 3104.2.

THIS OFFICE WILL HOLD THE AFOREMENTIONED OPERATOR AND BOND LIABLE UNTIL THE PROVISIONS OF 43 CFR 3160.7-2 CONTINUING RESPONSIBILITY ARE MET.

AGGC

BY: Alice Robledo
ALICE B. ROBLEDO
PRESIDENT

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____

☐ Suspense
(Return Date) _____
(To - Initials) _____

☒ Other
Open Chg.

(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 9-22-94 Time: 4:45

2. DOGM Employee (name) L. Cordova (Initiated Call ☒
Talked to:

Name Charlie (Initiated Call ☐ - Phone No. (801) 530-4849
of (Company/Organization) Dept. of Commerce

3. Topic of Conversation: Austin Gas Gathering Corporation

4. Highlights of Conversation: _____

Not registered.

Information - No Listing

Bhm/mozb:

Austin Gas Gathering Corp.

1520 Tram Way Blvd NE Ste F

Albuquerque, Nm 87112-6193

(505) 375-3117



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 28, 1994

Alice Robledo
Austin Gas Gathering Corporation
1520 Tram Way Blvd NE, Suite F
Albuquerque, New Mexico 87112-6193

Re: Petro-X Corporation to Austin Gas Gathering Corporation

Dear Ms. Robledo:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/lhc

DIV OIL GAS & MINING

TEL: 801-359-3940

Sep 28, 94 11:40 No. 011 P. 02

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:2. Name of Operator:
*Petrox Corporation*3. Address and Telephone Number:
3994 So 300 West, Unit 51, SLC, UT 84107

4. Location of Well:

Footage:

OO, Sec. T, R, M.

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

County: *GRAND*State: *UTAH*

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandonment
☐ Casing Repair
☐ Change of Plans
☐ Conversion to Injection
☐ Fracture Treat
☐ Multiple Completion
☒ Other: *CHANGE OF OPERATOR*
- ☐ New Construction
☐ Pull or Alter Casing
☐ Recompletion
☐ Shoot or Acidize
☐ Vent or Flare
☐ Water Shut-Off

EFFECTIVE DATE: *1 SEPT 94*
Approximate date work will start

SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandonment
☐ Casing Repair
☐ Change of Plans
☐ Conversion to Injection
☐ Fracture Treat
☐ Other
- ☐ New Construction
☐ Pull or Alter Casing
☐ Shoot or Acidize
☐ Vent or Flare
☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

AUSTIN GAS GATHERING Corporation HAS ASSUMED FEDERAL BONDING AND POSITION AS OPERATOR ON THE FOLLOWING WELLS:

*HARLEY DOME 21-1, API 43-019-31072**ROBLETS 29-1, API 43-019-31345**HANK 29-2, API 43-019-31342**ALICE 29-3, API 43-019-31343**TBR DOME 30-2, API 43-019-31344*

Name & Signature:

Dean H Christensen

Title:

President

Date:

9/28/94

This space for State use only

PETRO-X CORPORATION
399 SOUTH 300 WEST
UNIT #51
MURRAY, UTAH 84107

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UTAH 84180-1203

ATTN: LISHA CORDOVA

SEPTEMBER 28, 1994

RE: OPERATOR CHANGE

HARLEY DOME 21-1, API# 43-019-31072
ROBLEDO 29-1, API# 43-019-31345
HANK 29-2, API# 43-019-31342
ALICE 29-3, API# 43-019-31343
TBR DOME 30-2, API# 43-019-31344

GENTLEMEN:

PURSUANT TO AN OPERATING AGREEMENT DATED 1 JUNE, 1994, BY AND BETWEEN CERTAIN PARTIES OF INTEREST IN THE ABOVE REFERENCED WELLS, AUSTIN GAS GATHERING CORPORATION, A TEXAS CORPORATION, WITH A BUSINESS ADDRESS OF 1520 TRAMWAY BLVD. N.E., SUITE "F", ALBUQUERQUE, NEW MEXICO 87112, HAS TAKEN OVER THE POSITION AS THE OPERATOR OF RECORD AND WILL BE RESPONSIBLE FOR ALL FILINGS WITH THE STATE OF UTAH CONCERNING THOSE WELLS AND LOCATIONS.

ATTACHED ALSO FIND A STATE SUNDRY NOTICE AND REPORT ON WELLS.

SINCERELY,


DEAN H. CHRISTENSEN
PRESIDENT

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

| |
|--------------|
| 1- LEC |
| 2- LWP 7-RL |
| 3- DTS 8-SJ |
| 4- VLC 9-FLE |
| 5- RJF |
| 6- LWP |

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-94)

| | |
|---|---|
| TO (new operator) AUSTIN GAS GATHERING CORP. | FROM (former operator) PETRO-X CORPORATION |
| (address) 1520 TRAM WY BLVD NE STE F | (address) 2160 PANORAMA WAY |
| ALBUQUERQUE NM 87112-6193 | HOLLADAY UT 84124 |
| ALICE ROBLEDO, PRES. | DEAN CHRISTENSEN |
| phone (505) 275-3117 | phone (801) 261-9519 |
| account no. N 2640 (9-23-94) | account no. N 0715 |

Well(s) (attach additional page if needed):

| | | | | |
|-----------------------------------|--------------------------|----------------------|---|----------------------------|
| Name: HARLEY DOM 21-1/DKTA | API: 43-019-31072 | Entity: 8213 | Sec 21 Twp 18S Rng 25E | Lease Type: U49684 |
| Name: ROBLEDO 29-1/DRL | API: 43-019-31345 | Entity: 99999 | Sec 29 Twp 18S Rng 25E | Lease Type: UTU6995 |
| Name: HANK 29-2/DRL | API: 43-019-31342 | Entity: 99999 | Sec 29 Twp 18S Rng 25E | Lease Type: UTU6995 |
| Name: A 29-3/DRL | API: 43-019-31343 | Entity: 99999 | Sec 29 Twp 18S Rng 25E | Lease Type: UTU6995 |
| Name: TBR DOME 30-2/DRL | API: 43-019-31344 | Entity: 99999 | Sec 30 Twp 18S Rng 25E | Lease Type: UTU6995 |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 9-23-94) (Rec'd 9-28-94)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 9-22-94)*
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: *(9-28-94 letter mailed)*
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-28-94)*
- lec 6. Cardex file has been updated for each well listed above. *9-29-94*
- lec 7. Well file labels have been updated for each well listed above. *9-29-94*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-28-94)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OT 5/22/94
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 19 .

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940923 Btm/Meeb Aprv. 9-19-94.



United States Department of the Interior

RECEIVED

BUREAU OF LAND MANAGEMENT

Moab Field Office
82 East Dogwood Avenue
Moab, UT 84532

JAN 24 2003

DIV. OF OIL, GAS & MINING

3160
3107
UTU49684
UT-062

CERTIFIED MAIL—RETURN RECEIPT REQUESTED
Certified No. 700102320000480792296

JAN 22 2003

Mr. Henry Robledo
Austin Gas Gathering Corporation
1520 Tramway Blvd., NE Suite F
Albuquerque, New Mexico 87112

Re: Lack of Production
Lease UTU49684
Well No. 21-1
Section 21 T18S, R25E
Grand County, Utah

Dear Mr. Robledo:

Oil and gas lease UTU49684 was issued effective December 1, 1981, and has been in its extended term by reason of production for many years. The terms of the lease and 43 CFR 3107.2-2 both provide for lease extension so long as oil or gas is capable of being produced in paying quantities. The only well on this lease, no. 21-1, has not been in production for several years.

Considering the production history, we have determined that this lease is not currently capable of production in paying quantities. Regulations at 43 CFR 3107.2-2 grant you 60 days from the receipt of this written notice to initiate bona fide efforts to reestablish production in paying quantities. These efforts may include well testing, workover or new drilling operations. Lease UTU49684 shall not terminate so long as approved operations are commenced within this period and such operations are continued with reasonable diligence until paying production is restored.

If you believe this lease is capable of production in paying quantities, which is to pay the day-to-day operating costs, including minimum royalty, on a sustained basis, you must submit justification within 60 days of receipt of this letter. Such justification could include well testing. If you believe you can demonstrate that this well is capable of production in paying quantities through testing, notify this office at least 24 hours prior to commencing the test so we may have a witness present. Well test data may not be accepted unless this office has had the opportunity to witness the test. A production test must also include a gas analysis and casing integrity test.

A proposal for reworking or new drilling, or justification that the well is capable of production in paying quantities, must be submitted within 60 days of receipt of this letter. The lease will automatically terminate if no action is taken. A Notice of Intent to Abandon (NIA) the well must then be filed within 30 days.

If acceptable economic data indicating that this lease is capable of production in paying quantities is presented to this office in a timely manner, this termination action can be avoided. Otherwise, failure to initiate diligent efforts within 60 days of receipt of this letter will result in lease termination. Be advised that copies of this letter are being distributed to all lease interest holders.

You may request a State Director Review of this action in accordance with 43 CFR 3165.3. Such a request, including all supporting documentation, must be filed in writing within twenty business days of receipt of this correspondence with:

State Director
Bureau of Land Management
P. O. Box 45155
Salt Lake City, Utah 84145-0155

Such request shall not result in a suspension of the action unless the reviewing official so determines. Should you have any questions, please call Eric Jones of this office at 435-259-2117.

Sincerely,

/s/ William Stringer

Assistant Field Manager
Division of Resources

cc: Petro-X Corporation
2160 Panorama Way
Holladay, UT 84124
State of Utah, Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 45801
Salt Lake City, Utah 84114-5801
UT-922, McKee
UT-924, Higgins
bc: UT-062, Jones
EJones:mm:1/17/03.Austin.49684.21-1

WELL DATA

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

WELL NAME HARLEY DOME 21-1

API NUMBER 4301931072

WELL TYPE GW

WELL STATUS S

OPERATOR AUSTIN GAS GATHERING CORP

ACCT & ALT FLAG N2640 #

DESIGNATED OPER

ACCT

FIELD NAME GREATER CISCO

FIELD NUMBER 205

FIRST PRODUCTION

LA / PA DATE

WELL LOCATION:

SURF LOCATION 0660 FSL 0820 FWL

Q. S. T. R. M. SWSW 21 18.0 S 25.0 E S

COUNTY GRAND

UTM Coordinates:

SURFACE - N 4342775.00

BHL - N

SURFACE - E 658821.00

BHL - E

LATITUDE 39.22162

LONGITUDE -109.16020

CONFIDENTIAL FLAG

CONFIDENTIAL DATE

DIRECTIONAL / HORIZONTAL

HORIZONTAL LATERALS

ORIGINAL FIELD TYPE

WILDCAT TAX FLAG

CB-METHANE FLAG

ELEVATION 4956' GL

BOND NUMBER

BOND TYPE

LEASE NUMBER UTU-49684

MINERAL LEASE TYPE 1

SURFACE OWNER TYPE 1

INDIAN TRIBE

C.A. NUMBER

UNIT NAME

CUMULATIVE PRODUCTION:

OIL 0

GAS 3770

WATER 0

COMMENTS 920820 OP FR AMBRA: 940928 FR N0715:

Create New Rec

Save

Cancel Change

To History

To Activity

Print Recd

Export Recd



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS PROGRAM

PHONE CONVERSATION DOCUMENTATION FORM

Conversation Pertains to:

☐ Copy? ☐

☒ **WELL** HARLEY DOME 21-1

☐ **OTHER**

Section 21 Township 18S Range 25E

API Number 43-019-31072

Topic of Conversation: DID THE BLM PLUG THIS WELL

Date of Phone Call: 11/6/2003

Time: 2:20 pm

DOGM Employee (name): CAROL DANIELS

☐ Initiated Call? ☒

Spoke with:

Name: THERESA THOMPSON

☐ Initiated Call? ☐

Of (company/organization): BLM - SLC OFFICE Phone: 539-4047

Highlights of Conversation:

THERESA SAID THE BOND RELINQUISHED BACK TO THE BLM BY AUSTIN GAS GATHERING CORP WOULD BE AT THE BLM OFFICE IN MOAB AND THE BOND AMOUNT WOULD NOT BE SUFFICIENT TO COVER THE COST OF PLUGGING THE WELL. AS A RESULT, THE WELL HAS PROBABLY BEEN PLACED ON THE ORPHAN LIST BECAUSE THE BLM DOES NOT HAVE THE FUNDS TO PLUG THE WELL. SINCE THEIR ARE NO FUNDS, SHE SAYS THE WELL PROBABLY HAS NOT BEEN PLUGGED.

MEMO TO FILE

December 9, 2003

To: Well File:
Harley Dome 21-1
API 43-019-31072
21-T18S-R25E
Grand County, Utah

From: Don Staley

Re: Orphan Well Status

Based on conversations with BLM personnel, division management made the decision on November 18, 2003, that this well should be moved from Austin Gas Gathering (N2640) to Orphan – No Responsible Operator (N9999). Documentation was obtained from Marie McGann, BLM Moab Field Office, on November 19 2003 to confirm that the BLM has classified this federal lease well as an orphan. The operator was changed in the division's computer database to N9999 on December 9, 2003.

Attachment (BLM documentation)

ORPHAN WELL LISTING
as of 4/17/03

| <u>Lease</u> | <u>Well</u> | <u>API#</u> | <u>Location</u> |
|--------------|-----------------|-------------|--------------------------|
| UTU034745 | Fed 3 | 4301930040 | SWSW Sec. 29, T20S, R24E |
| | Fed 4 | 4301930717 | SWSW Sec. 29, T20S, R24E |
| UTU070752 | Keas 2 | 4301915097 | SESE Sec. 5, T20S, R24E |
| | Keas 3A | 4301915098 | SESE Sec. 5, T20S, R24E |
| | Keas 8 | 4301931113 | SESE Sec. 5, T20S, R24E |
| UTU38366 | 1 | 4301920092 | SWNW Sec. 14, T20S, R24E |
| UTU26420 | 17-1 (aka 17-2) | 4301930997 | NENW Sec. 17, T21S, R24E |
| UTU38365 | 9-2A | 4301931150 | SENE Sec. 9, T20S, R24E |
| UTU24606 | 25-5 | 4301931145 | SENE Sec. 25, T20S, R23E |
| UTU49684 | 21-1 | 4301931072 | SWSW Sec. 21, T18S, R25E |
| UTU69951 | Lansdale 8 | 4301930037 | NWSW Sec. 27, T18S, R25E |
| UTU69950 | 29-3 | 4301931343 | NWNW Sec. 29, T18S, R25E |
| UTU69423 | Lansdale 3 | 4301915597 | SWNE Sec. 3, T21S, R23E |

List sent via email to Mike Hebertson -- DOGM
by

Marie McGann
BLM Moab Field Office
435-259-2135

on 11/19/2003

with the following comments:

Attached is an Excel spreadsheet of the Moab Field Office orphan wells.
Please let me know if you have any questions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

| | | |
|--|---|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. UTU82575 |
| 2. Name of Operator Kenneth K. Farmer | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address P. O. Box 2885, Casper, WY 82602 | 3b. Phone No. (include area code) 307-262-0248 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 820' FWL 660' FSL Sec 21-T18S-R25E | | 8. Well Name and No. Harley Dome 21-1 |
| | | 9. API Well No. 43-019-31072 |
| | | 10. Field and Pool, or Exploratory Area |
| | | 11. County or Parish, State Grand County, Utah |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

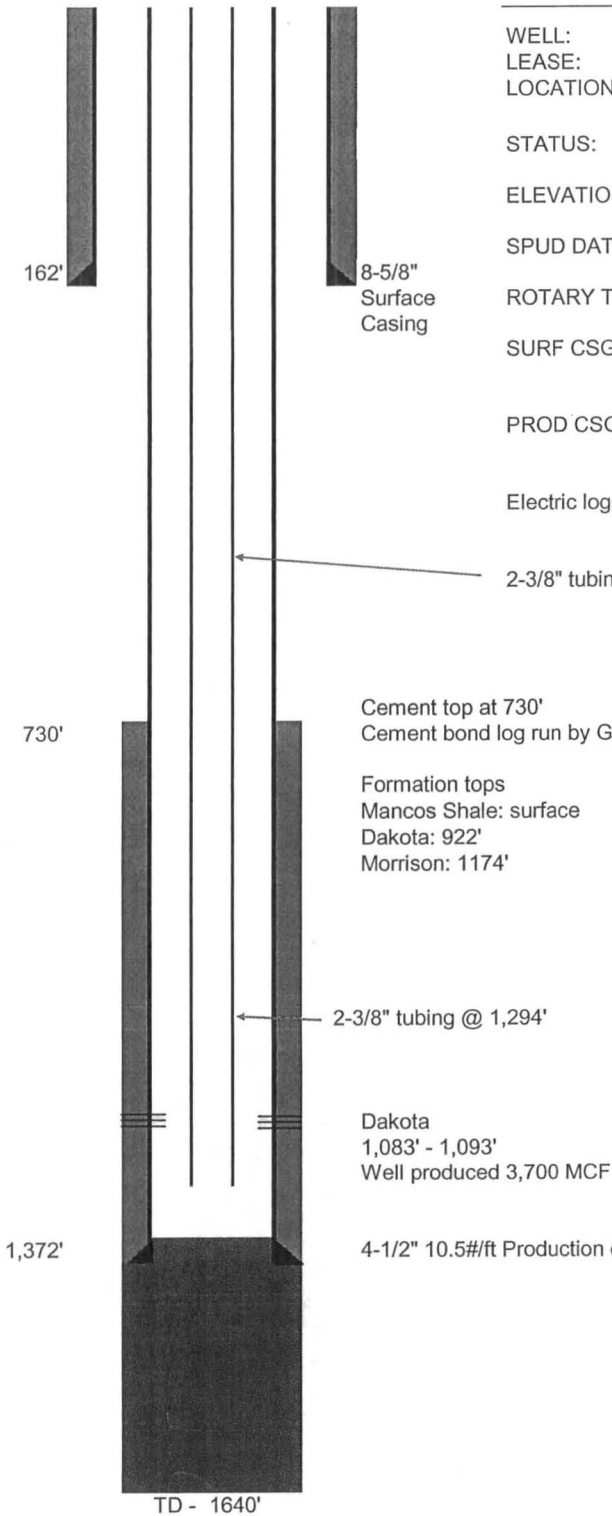
Operator is planning to plug and abandon the Harley Dome 21-1. Attached is a wellbore diagram, plug and abandon procedure, and a reclamation plan.

| | | |
|--|--------------------------|--|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kenneth K. Farmer | | Title Owner |
| Signature Joseph M. Rochelle for Kenneth Farmer | | Date Dec. 17, 2015 |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | |
| Approved by [Signature] | Title Petroleum Engineer | Date 1/21/16 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office DDCM | Federal Approval Of This Action Is Necessary |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | |

Plug and Abandon Well

Kenneth Farmer

WELL: **Harley Dome 21-1** FIELD: Harley Dome
LEASE: **Fed: Lease UTU82575**
LOCATION: SW SW SEC 21 T18S R25E, Grand Co, Utah
820' FWL & 660' FSL
STATUS: **Currently shut in. Plan to plug and abandon well**
ELEVATION: GR: 4,956' API NO: 43-019-31072
SPUD DATE: 7/26/1983 COMP DATE: 8/15/1983
ROTARY TD: 1,640' PBD: 1,372'
SURF CSG: 8-5/8" 24#/ft @ 162', Cemented with 75 sx Class G
(11" bit/hole size)
PROD CSG: 4-1/2" 10.5#/ft @ 1,372' (6-3/4" bit/hole size)
Cemented with 105 sacks Class G
Electric logs: Dual Induction, Compensated Neutron, Cement Bond



Prepared by: Joe Rochelle
Date: 12/12/2015

PLUG & ABANDON PROCEDURE

Harley Dome 21-1 SW SW Sec 21-T18S-R25E Grand County, Utah Lease UTU82575

Directions: Well is located 20 miles NW of Mack, CO. Take I-70 to Westwater Exit 225. Go ¼ mile North to Tee. Turn right, go 2.2 miles to Harley Dome Plant (on right). Turn left and go 3.0 miles to Well 21-1. Well is on right side (east) of road.

Well Data:

Total depth: 1,640'

GR elevation: 4,956'

Dakota Perforations 1,083' – 1,093'

Well produced 3,700 MCF.

Casing/Tubing Data:

Surface: 8-5/8" 24#/ft set @ 162'. Cemented with 75 sx Class G

Production: 4-1/2" 10.5#/ft set @ 1,372'. Cemented with 105 sacks Class G

Tubing: 2-3/8" tubing at approximately 1,294'

NOTE **The BLM Moab Office must be notified at least 24 hrs prior to starting any of the plugging operations.**

Cement Slurry Properties

Slurry Yield and Type: 1.15 cu-ft/sk Class G

Slurry Weight: 15.8 ppg

Mixing Water Required 4.96 gal/sk

Thickening Time: 2 hours 30 minutes

Comprehensive Strength: 4,000 psi in 24 hours

Equipment

Cement Pump Truck: 400 hp recirc mixers

Bulk Truck: Freightliner

Backhoe: John Deere 310 J

Wireline Truck: FMC

Welder: Miller

Vac Truck: 80 or 120 bbl tankers

Prep Location

1. Comply with all conditions of approval. Call BLM in Moab.
2. Verify OD of tubing head and valves. Check pressure on well. Bleed pressure off well into an open tank. Have rig anchors tested.
3. Accessible lease road and a source of fresh water will be needed.
4. Dig out around casing and wellhead. No reserve pit is needed.

Rig up and plug well

1. Hold Job Safety Analysis. Review work plan. Discuss concerns. Have copy of BLM permit on location.
2. Move in and rig up Eagle Well Services completion rig, catwalk, and pipe racks. Monitor pressure on well. If necessary, pump 10 barrels water down tubing and 10 barrels down casing. Trip out of hole with 2-3/8" tubing. Lay tubing down.
3. Rig up cementers, establish injection rate into production perforations at 1,083' – 1,093'.
4. Mix and pump 60 sacks cement. Displace cement down to 800' with 4-1/2" wiper plug using water as spacer fluid. Wait on cement 4 hours..
5. Open surface valve. Rig up wireline truck. Run in hole and perforate casing @ 180'.
6. Rig up cementers. Establish circulation up annulus. Mix and pump 35 sacks cement around to surface.
7. Rig down cementers. Cut off wellhead 4' below ground level. Top off 4-1/2" casing and 8-5/8" casing as needed. Ensure a 100' cement plug inside 4-1/2" casing. If needed, spot a 5 sack cement into annulus between 4-1/2" casing and 8-5/8" casing. Return fluids generated by the plugging procees will be hauled to an approved disposal facility.
8. Weld on dry hole plate with legals. Backfill cellar. Remove rig anchors. Legals:
Operator: Kenneth Farmer
Harley Dome 21-1
SW SW Section 21 T18S R25E
Grand County, Utah
Federal Lease UTU82575.
9. Reclaim location and access road (as appropriate) per BLM specifications.

Reclamation plan for the Harley Dome 21-1 in Sec 21-18S-R25E Grand County, Utah

- a) A "Notice of Intent to Abandon" will be submitted to the BLM, and final BLM recommendations for surface reclamation will be followed.
- a) During the reclamation of the site and access road (as appropriate), the operator will push fill material into the cuts and up over the back slope to approximate the original topography. No depressions will be left that trap water or form ponds. Following the plugging of the well, all trash and debris will be removed from the well site and taken to a certified landfill.
- b) The location and a short access road will be landscaped to original or similar topography. The original APD, written in 1983, stated "The new access road will be constructed approximately 75 feet in length from an existing road to the south side of the well pad. The width will be 16' travel surface, 24' disturbed width, scraped only on the surface".
- c) All disturbed areas shall be seeded with the seed mixture as listed below. It is recommended that the seeding be done during the months of September or October following plug and abandonment. Seeding shall be completed within one year time of final abandonment and repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the two growing seasons after seeding.

The seed mixture was chosen based on discussion with BLM Moab Office. The following seed mix will be used for final reclamation activities:

Seed mixture:

| | | |
|-------------------------------|--------------------|--------------|
| <u>Grasses</u> | | |
| <u>Oryzopsis hymenoides</u> | Indian ricegrass | 1.0 lbs/acre |
| <u>Hilaria jamesii</u> | Curlygrass | 1.0 lbs/acre |
| <u>Forbs</u> | | |
| <u>Sphaeralcea</u> | <u>Globemallow</u> | 1.0 lbs/acre |
| <u>Shrubs</u> | | |
| <u>Atriplex confertifolia</u> | <u>Shadscale</u> | 1.0 lbs/acre |
| <u>Ceretooides lanata</u> | <u>Winter fat</u> | 1.0 lbs/acre |
| <u>Total</u> | | 5 lbs/acre |

If broadcast method is utilized, the seed mixture shall be doubled.

Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

- d) A "Notice of Intent to Abandon" and a "Subsequent Report of Abandonment" will be submitted for abandonment approval. A "Final Abandonment Notice" will be submitted when the rehabilitation is complete and the new vegetation is established.
- e) An above-ground tubular metal dry-hole marker will be erected over the drill-hole location upon cessation of plugging operations. The marker will be inscribed with the operator's name, well number, well location (¼, ¼, section, township, range, etc.) and federal lease number. Upon request of the surface owner, the casing may be cut-off four (4) feet below reclaimed ground surface (or below plow depth) with a metal plate affixed to the top providing the same well information as stated above. This monument must consist of a piece of pipe and not less than four (4) inches in diameter and ten (10) feet in length, of which four (4) feet shall be above the general ground level and the remainder being imbedded in cement. The top of the pipe must be closed by a welded or screw cap, cement or other means.



ALLEN & CROUCH
PETROLEUM ENGINEERS

RECEIVED

DEC 23 2015

DIV. OF OIL, GAS & MINING

December 17, 2015

Bureau of Land Management, Moab Field Office
82 East Dogwood
Moab, Utah 84532

Lease UTU82575 Terminated
Plug and Abandon Wells Remaining on Lease
Lansdale No. 8, API #49-007-21405
Section 27, T 18S R23E
Grand County, Utah

Harley 21-1, API #43-019-31072
Section 21, T 18S R23E
Grand County, Utah

Dear Ms. Ransel,

Please find attached Form 3160-5 to plug and abandon the Lansdale 8 and the Harley 21-1. Also attached is a wellbore diagram, procedure, and reclamation plan for each well. The plugging work is planned for the summer of 2016.

If you have any questions or need more information, please contact me at 307-234-3571.

Yours truly,

Joseph M. Rochelle, PE for

Kenneth K. Farmer
P. O. Box 2885
Casper, WY 82602

Attachments:
Form 3160-5
Plug and Abandon Procedure
Wellbore diagram
Reclamation plan

cc: Utah Oil and Gas, 1594 West North Temple, Salt Lake City, Utah 84116



ALLEN & CROUCH

PETROLEUM ENGINEERS

February 1, 2016

Bureau of Land Management, Moab Field Office
82 East Dogwood
Moab, Utah 84532

RECEIVED

FEB 08 2016

DIV. OF OIL, GAS & MINING

Lease UTU82575 Terminated

Plug and Abandon Wells Remaining on Lease

Lansdale No. 8, API #~~49-007-21405~~

Section 27, T 18S R23E ~~43-019-30037~~

Grand County, Utah

Harley 21-1, API #43-019-31072

Section 21, T 18S R~~23E~~25E

Grand County, Utah

Dear Ms. Ransel,

Please find attached a revised Form 3160-5 to plug and abandon the Lansdale 8 and a revised Form 3160-5 to plug and abandon the Harley 21-1. Also attached is a wellbore diagram, procedure, and reclamation plan for each well. The plugging work is planned for the early summer of 2016.

The procedures were revised based on guidance from Erik Jones with your office. The changes involved using a cement retainer, spotting 9 lb/gal mud in well, and cutting off the casing 4' below ground level.

If you have any questions or need more information, please contact me at 307-234-3571.

Yours truly,

Joseph M. Rochelle, PE for

Kenneth K. Farmer
P. O. Box 2885
Casper, WY 82602

Attachments:

Form 3160-5

Plug and Abandon Procedure

Wellbore diagram

Reclamation plan

cc: Utah Oil and Gas, 1594 West North Temple, Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☐ ☒ Gas Well ☐ Other

2. Name of Operator Kenneth K. Farmer

3a. Address
P. O. Box 2885, Casper, WY 82602

3b. Phone No. (include area code)
307-262-0248

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
820' FWL 660' FSL Sec 21-T18S-R25E

5. Lease Serial No.
UTU82575

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Harley Dome 21-1

9. API Well No.
43-019-31072

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Grand County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operator is planning to plug and abandon the Harley Dome 21-1. Attached is a wellbore diagram, plug and abandon procedure, and a reclamation plan.

RECEIVED
FEB 08 2016
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kenneth K. Farmer

Title Owner

Signature

Joseph M. Rochelle for Kenneth Farmer

Date

2/1/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title Pet. Engineer

Date 3/27/16

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office DOGUM

Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PLUG & ABANDON PROCEDURE

Harley Dome 21-1 SW SW Sec 21-T18S-R25E Grand County, Utah Lease UTU82575

Directions: Well is located 20 miles NW of Mack, CO. Take I-70 to Westwater Exit 225. Go ¼ mile North to Tee. Turn right, go 2.2 miles to Harley Dome Plant (on right). Turn left and go 3.0 miles to Well 21-1. Well is on right side (east) of road.

Well Data:

Total depth: 1,640'

GR elevation: 4,956'

Dakota Perforations 1,083' – 1,093'

Well produced 3,700 MCF.

Casing/Tubing Data:

Surface: 8-5/8" 24#/ft set @ 162'. Cemented with 75 sx Class G

Production: 4-1/2" 10.5#/ft set @ 1,372'. Cemented with 105 sacks Class G

Tubing: 2-3/8" tubing at approximately 1,294'

NOTE **The BLM Moab Office must be notified at least 24 hrs prior to starting any of the plugging operations.**

Cement Slurry Properties

Slurry Yield and Type: 1.15 cu-ft/sk Class G

Slurry Weight: 15.8 ppg

Mixing Water Required 4.96 gal/sk

Thickening Time: 2 hours 30 minutes

Comprehensive Strength: 4,000 psi in 24 hours

Equipment

Cement Pump Truck: 400 hp recirc mixers

Bulk Truck: Freightliner

Backhoe: John Deere 310 J

Wireline Truck: FMC

Welder: Miller

Vac Truck: 80 or 120 bbl tankers

Prep Location

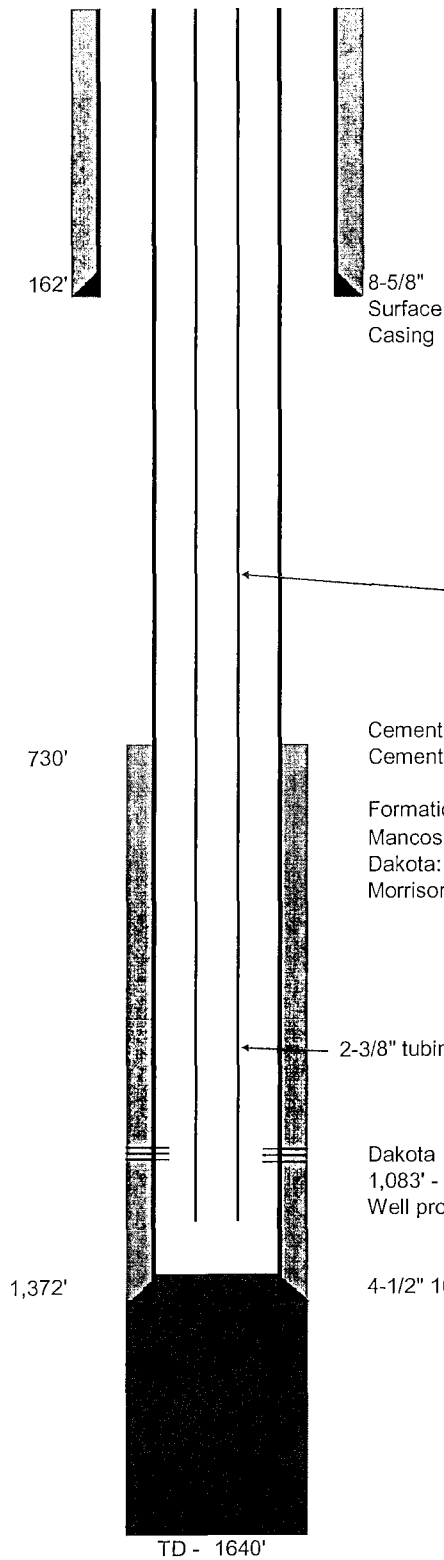
1. Comply with all conditions of approval. Call BLM in Moab.
2. Verify OD of tubing head and valves. Check pressure on well. Bleed pressure off well into an open tank. Have rig anchors tested.
3. Accessible lease road and a source of fresh water will be needed.
4. Dig out around casing and wellhead. No reserve pit is needed.

Rig up and plug well

1. Hold Job Safety Analysis. Review work plan. Discuss concerns. Have copy of BLM permit on location.
2. Move in and rig up Eagle Well Services completion rig, catwalk, and pipe racks. Monitor pressure on well. If necessary, pump 10 barrels water down tubing and 10 barrels down casing. Trip out of hole with 2-3/8" tubing.
3. Trip in hole with cement retainer on tubing. Set retainer at approximately 800'. Rig up cementers, establish injection rate down tubing into production perforations at 1,083' – 1,093'.
4. Mix and pump 30 sacks cement. Displace cement and squeeze perforations. Sting out of retainer and reverse any cement out of tubing. Fill casing with 9 lb/gal mud. Wait on cement 4 hours..
5. Open surface valve. Rig up wireline truck. Run in hole and perforate casing @ 180'.
6. Rig up cementers. Establish circulation up annulus. Mix and pump 35 sacks cement around to surface.
7. Rig down cementers. Cut off wellhead 4' below ground level. Top off 4-1/2" casing and 8-5/8" casing as needed. Ensure a 100' cement plug inside 4-1/2" casing. If needed, spot a 5 sack cement into annulus between 4-1/2" casing and 8-5/8" casing. Return fluids generated by the plugging procees will be hauled to an approved disposal facility.
8. Weld on dry hole plate with legals. Backfill cellar. Remove rig anchors. Legals:
Operator: Kenneth Farmer
Harley Dome 21-1
SW SW Section 21 T18S R25E
Grand County, Utah
Federal Lease UTU82575.
9. Reclaim location and access road (as appropriate) per BLM specifications.

Plug and Abandon Well

Kenneth Farmer



WELL: **Harley Dome 21-1** FIELD: Harley Dome
LEASE: **Fed: Lease UTU82575**
LOCATION: SW SW SEC 21 T18S R25E, Grand Co, Utah
820' FWL & 660' FSL
STATUS: **Currently shut in. Plan to plug and abandon well**
ELEVATION: GR: 4,956' API NO: 43-019-31072
SPUD DATE: 7/26/1983 COMP DATE: 8/15/1983
ROTARY TD: 1,640' PBD: 1,372'
SURF CSG: 8-5/8" 24#/ft @ 162', Cemented with 75 sx Class G (11" bit/hole size)
PROD CSG: 4-1/2" 10.5#/ft @ 1,372' (6-3/4" bit/hole size) Cemented with 105 sacks Class G
Electric logs: Dual Induction, Compensated Neutron, Cement Bond

Prepared by: Joe Rochelle
Date: 12/12/2015

Reclamation plan for the Harley Dome 21-1 in Sec 21-18S-R25E Grand County, Utah

- a) A "Notice of Intent to Abandon" will be submitted to the BLM, and final BLM recommendations for surface reclamation will be followed.
- a) During the reclamation of the site and access road (as appropriate), the operator will push fill material into the cuts and up over the back slope to approximate the original topography. No depressions will be left that trap water or form ponds. Following the plugging of the well, all trash and debris will be removed from the well site and taken to a certified landfill.
- b) The location and a short access road will be landscaped to original or similar topography. The original APD, written in 1983, stated "The new access road will be constructed approximately 75 feet in length from an existing road to the south side of the well pad. The width will be 16' travel surface, 24' disturbed width, scraped only on the surface".
- c) All disturbed areas shall be seeded with the seed mixture as listed below. It is recommended that the seeding be done during the months of September or October following plug and abandonment. Seeding shall be completed within one year time of final abandonment and repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the two growing seasons after seeding.

The seed mixture was chosen based on discussion with BLM Moab Office. The following seed mix will be used for final reclamation activities:

Seed mixture:

| | | |
|-------------------------------|-------------------------|--------------|
| <u>Grasses</u> | | |
| <u>Oryzopsis hymenoides</u> | <u>Indian ricegrass</u> | 1.0 lbs/acre |
| <u>Hilaria jamesii</u> | <u>Curlygrass</u> | 1.0 lbs/acre |
| <u>Forbs</u> | | |
| <u>Sphaeralcea</u> | <u>Globemallow</u> | 1.0 lbs/acre |
| <u>Shrubs</u> | | |
| <u>Atriplex confertifolia</u> | <u>Shadscale</u> | 1.0 lbs/acre |
| <u>Ceretooides lanata</u> | <u>Winter fat</u> | 1.0 lbs/acre |
| <u>Total</u> | | 5 lbs/acre |

If broadcast method is utilized, the seed mixture shall be doubled.

Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

- d) A "Notice of Intent to Abandon" and a "Subsequent Report of Abandonment" will be submitted for abandonment approval. A "Final Abandonment Notice" will be submitted when the rehabilitation is complete and the new vegetation is established.
- e) An above-ground tubular metal dry-hole marker will be erected over the drill-hole location upon cessation of plugging operations. The marker will be inscribed with the operator's name, well number, well location (¼, ¼, section, township, range, etc.) and federal lease number. The casing should be cut-off four (4) feet below reclaimed ground surface (or below plow depth) with a metal plate affixed to the top providing the same well information as stated above. The top of the pipe must be closed by a welded or screw cap, cement or other means.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☐ ☒ Gas Well ☐ Other

2. Name of Operator **Kenneth K. Farmer**

3a. Address
P. O. Box 2885, Casper, WY 82602

3b. Phone No. (include area code)
307-262-0248

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1,880' FWL 2,080' FSL Sec 27-T18S-R25E

5. Lease Serial No.
UTU82575

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Lansdale 8

9. API Well No.
43-019-30037

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Grand County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operator is planning to plug and abandon the Lansdale 8. Attached is a wellbore diagram, plug and abandon procedure, and a reclamation plan.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kenneth K. Farmer

Title **Owner**

Signature *Joseph M. Rochelle for Kenneth Farmer*

Date **2/1/2016**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title **Pet. Engineer**

Date **3/27/2016**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office *[Signature]*

Federal Approval of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PLUG & ABANDON PROCEDURE

Lansdale 8 NE SW Sec 27-T18S-R25E Grand County, Utah Lease UTU82575

Directions: Well is located 20 miles NW of Mack, CO. Take I-70 to Westwater Exit 225. Go ¼ mile North to Tee. Turn right, go 2.2 miles to Harley Dome Plant (on right). Turn left and go 3.0 miles to Harley 21-1. Proceed one more mile to the Lansdale 8 location in the SW of Section 27.

Well Data:

Total depth: 1,540'

GR elevation: 4,857'

Morrison Sands Perforations 1,018' – 1,026' and 1,038' – 1,050'

Well tested for 47 MCFD 20 psi flowing tubing pressure Shut-in casing pressure 165 psig

Casing Data:

Surface: 8-5/8" 24#/ft set @ 98'. Cemented with 15 sx

Production: 4-1/2" 10.5#/ft set @ 1,380'. Cemented with 140 sacks

Tubing: 2-3/8" tubing at approximately 1,000'

NOTE **The BLM Moab Office must be notified at least 24 hrs prior to starting any of the plugging operations.**

Cement Slurry Properties

Slurry Yield and Type: 1.15 cu-ft/sk Class G

Slurry Weight: 15.8 ppg

Mixing Water Required 4.96 gal/sk

Thickening Time: 2 hours 30 minutes

Comprehensive Strength: 4,000 psi in 24 hours

Equipment

Cement Pump Truck: 400 hp recirc mixers

Bulk Truck: Freightliner

Backhoe: John Deere 310 J

Wireline Truck: FMC

Welder: Miller

Vac Truck: 80 or 120 bbl tankers

Prep Location

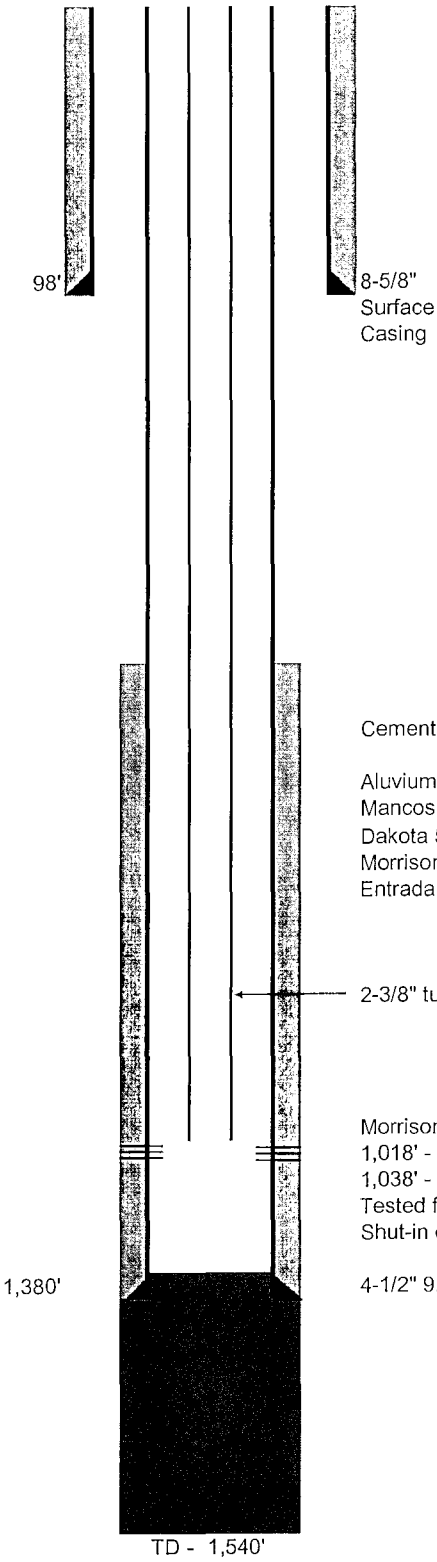
1. Comply with all conditions of approval. Call BLM in Moab.
2. Verify OD of tubing head and valves. Check pressure on well. Bleed pressure off well into an open tank. Have rig anchors tested.
3. Accessible lease road and a source of fresh water will be needed.
4. Dig out around casing and wellhead. No reserve pit is needed.

Rig up and plug well

1. Hold Job Safety Analysis. Review work plan. Discuss concerns. Have copy of BLM permit on location.
2. Move in and rig up Eagle Well Services completion rig, catwalk, and pipe racks. Monitor pressure on well. If necessary, pump 10 barrels water down tubing and 10 barrels down casing. Trip out of hole with 2-3/8" tubing. Lay tubing down.
3. Trip in hole with cement retainer on tubing. Set retainer at approximately 800'. Rig up cementers, establish injection rate down tubing into production perforations at 1,018' – 1,050'.
4. Mix and pump 30 sacks cement. Displace cement and squeeze perforations. Sting out of retainer and reverse any cement out of tubing. Fill casing with 9 lb/gal mud. Wait on cement 4 hours..
5. Open surface valve. Rig up wireline truck. Run in hole and perforate casing @ 120'.
6. Rig up cementers. Establish circulation up annulus. Mix and pump 30 sacks cement around to surface.
7. Rig down cementers. Cut off wellhead 4' below ground level. Top off 4-1/2" casing and 8-5/8" casing as needed. Ensure a 100' cement plug inside 4-1/2" casing. If needed, spot a 5 sack cement into annulus between 4-1/2" casing and 8-5/8" casing. Return fluids generated by the plugging process will be hauled to an approved disposal facility.
8. Weld on dry hole plate with legals. Backfill cellar. Remove rig anchors. Legals:
Operator: Kenneth Farmer
Lansdale 8
NE SW Section 27 T18S R25E
Grand County, Utah
Federal Lease UTU82575.
9. Reclaim location and access road (as appropriate) per BLM specifications.

Plug and Abandon Well

Kenneth Farmer



WELL: **Lansdale 8** FIELD: Harley Dome
LEASE: **Fed: Lease UTU82575**
LOCATION: NE SW SEC 27 T18S R25E, Grand Co, Utah
1880' FWL & 2080' FSL
STATUS: **Currently shut in. Plan to plug and abandon well**
ELEVATION: GR: 4,857' API NO: 43-019-30037
SPUD DATE: 6/25/1969 COMP DATE: 8/11/1969
ROTARY TD: 1,540' PBDT: 1,270'
SURF CSG: 7" 23#/ft @ 98', Cemented with 15 sx.
(8-1/4" bit/hole size)
PROD CSG: 4-1/2" 9.5#/ft @ 1,380' (6-1/4" bit/hole size)
Cemented with 140 sacks Class G

Logs: Electrical-Induction; Gamma-Caliper; Formation-Density

Cement top unknown
Aluvium 0' - 25'
Mancos 25' - 560'
Dakota 560' - 810'
Morrison 810' - 1,370'
Entrada 1,370'
2-3/8" tubing
Morrison Sands
1,018' - 1,026'
1,038' - 1,050'
Tested for 47 MCFD 20 psi flowing tubing pressure
Shut-in casing pressure 165 psig. Helium and gas.
4-1/2" 9.5#/ft Production casing at 1,380' cemented with 140 sacks

Prepared by: Joe Rochelle
Date: 12/15/2015

Reclamation plan for the Lansdale 8 in Sec 27-18S-R25E Grand County, Utah

- a) A "Notice of Intent to Abandon" will be submitted to the BLM, and final BLM recommendations for surface reclamation will be followed.
- a) During the reclamation of the site and access road (as appropriate), the operator will push fill material into the cuts and up over the back slope to approximate the original topography. No depressions will be left that trap water or form ponds. Following the plugging of the well, all trash and debris will be removed from the well site and taken to a certified landfill.
- b) The location and a short access road will be landscaped to original or similar topography.
- c) All disturbed areas shall be seeded with the seed mixture (or a BLM recommendation) as listed below. It is recommended that the seeding be done during the months of September or October following plug and abandonment. Seeding shall be completed within one year time of final abandonment and repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the two growing seasons after seeding.

The seed mixture was chosen based on discussion with BLM Moab Office. The following seed mix will be used for final reclamation activities:

Seed mixture:

| | | |
|-------------------------------|--------------------|--------------|
| <u>Grasses</u> | | |
| <u>Oryzopsis hymenoides</u> | Indian ricegrass | 1.0 lbs/acre |
| <u>Hilaria jamesii</u> | Curlygrass | 1.0 lbs/acre |
| <u>Forbs</u> | | |
| <u>Sphaeralcea</u> | <u>Globemallow</u> | 1.0 lbs/acre |
| <u>Shrubs</u> | | |
| <u>Atriplex confertifolia</u> | <u>Shadscale</u> | 1.0 lbs/acre |
| <u>Ceretoides lanata</u> | <u>Winter fat</u> | 1.0 lbs/acre |
| <u>Total</u> | | 5 lbs/acre |

If broadcast method is utilized, the seed mixture shall be doubled.

Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

- d) A "Notice of Intent to Abandon" and a "Subsequent Report of Abandonment" will be submitted for abandonment approval. A "Final Abandonment Notice" will be submitted when the rehabilitation is complete and the new vegetation is established.
- e) An above-ground tubular metal dry-hole marker will be erected over the drill-hole location upon cessation of plugging operations. The marker will be inscribed with the operator's name, well number, well location (¼, ¼, section, township, range, etc.) and federal lease number. The casing should be cut-off four (4) feet below reclaimed ground surface (or below plow depth) with a metal plate affixed to the top providing the same well information as stated above. The top of the pipe must be closed by a welded or screw cap, cement or other means.

RECEIVED

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS & MINING

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Kenneth K. Farmer

3a. Address
P. O. Box 2885, Casper, WY 82602

3b. Phone No. (include area code)
307-262-0248

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
820' FWL 660' FSL Sec 21-T18S-R25E SWSW

5. Lease Serial No.
UTU82575

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Harley Dome 21-1

9. API Well No.
43-019-31072

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Grand County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Harley Dome 21-1 was plugged and abandoned on April 15, 2016. The work was witnessed by Lee Oliver with the BLM Moab, Utah office.

A cast iron cement retainer (CICR) was set at 820'. Mix and pump 30 sacks. Pump 2.5 bbls cement below retainer into the Dakota perms from 1,083' - 1,093'. Perforations were squeezed off. Left 3.5 bbls above cement retainer. Fill 4-1/2" casing with 9#/gal mud. Test casing to 300 psi for 30 minutes. Test okay. Cut 4-1/2" casing at 200'. Mix and pump 60 sacks cement down 4-1/2" casing and up 4-1/2" x 8-5/8" annulus. Cement at suface on casing and annulus.

Dig out wellhead down to 4' and cut casing off. Weld on dry hole marker plate and cover up. Report of plugging operations is attached.

Clean up and level location. Location and reclamation complete. Vegetaion has been established. Well site is ready for final inspection.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kenneth K. Farmer

Title Owner

Signature Joe Rochelle for Ken Farmer

Date April 28, 2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

DAILY WORK REPORT

WELL PLUGGERS, INC.
(970) 250-4118P.O. BOX 304
LOMA, CO 81524

Well Pluggers, Inc.

NO. N^o 6665Customer Ken FarmerDate 4-¹⁵~~18~~-16Well / Lease Herley Dome 21-1State UT

Work Order No. _____ Time _____ To _____ Area _____

Field Herley DomeRig No. #1

| HOURS | DESCRIPTION |
|-------|---|
| | Set CIRC at 820' |
| | Mix & Pump 30 sks Cement, 2 1/2 BBL cement Below retainer, 3 1/2 BBL above retainer. (perfs Squeezed off) |
| | Fill 4 1/2" casing with 9 1/2 gal mud. |
| | Test casing to 300psi for 30 min. (OK) |
| | cut 4 1/2" casing at 200' |
| | Mix & Pump 60 sks cement down 4 1/2" casing & up 4 1/2" x 8 5/8" Annulus. (cement at Surface on casing & Ann.) |
| | Dig well head out 4' & cut casing off. |
| | Weld on Dry hole plate & cover up. |
| | Plugging Witnessed by Lee Oliver, Moab, UT BLM |

TOOL BOX SAFETY MEETING TOPIC:

CHARGE RECORD

| | |
|--|---|
| Rig Time _____ Hrs. @ _____ Per Hr. _____ \$ _____ | Fishing Tool x. _____ \$ _____ |
| Crew Travel x. _____ \$ _____ | Light Plant x. _____ \$ _____ |
| Mud Pump x Tank _____ \$ _____ | Swab Cups # @ \$ _____ \$ _____ |
| Power Swivel x _____ \$ _____ | Swab Cups # @ \$ _____ \$ _____ |
| J.U. Head x _____ \$ _____ | Oil Svr. Rbr. # @ \$ _____ \$ _____ |
| Blow-out Preventer x _____ \$ _____ | TBG Wiper Rubber # @ \$ _____ \$ _____ |
| Flanges x _____ \$ _____ | Rod Wiper Rubber # @ \$ _____ \$ _____ |
| Tool Pusher _____ \$ _____ | Permit (#) @ \$ _____ \$ _____ |
| Mud Tank x _____ \$ _____ | Other _____ \$ _____ |
| Power Rod Tongs x _____ \$ _____ | Other _____ \$ _____ |
| Fuel _____ Gals. @ _____ Per Gal. _____ \$ _____ | Other _____ \$ _____ |
| Pipe Dope @ _____ Per Trip _____ \$ _____ | Other _____ \$ _____ |
| Paint @ _____ Per Trip _____ \$ _____ | Other _____ \$ _____ |
| Stripper Rubber # @ \$ _____ \$ _____ | Colorado Sales Tax x _____ % _____ \$ _____ |
| | Total Charges _____ \$ _____ |

CHARGE RECORD

| | | |
|-----------------------|-------------------|------------------------------|
| Type Well Head _____ | Mud Anchor _____ | No. & Size Rods _____ |
| Packer Settings _____ | Size Tubing _____ | No. & Size Subs _____ |
| Type Packer _____ | Subs _____ | Pump Description (out) _____ |
| No. Jts. Tubing _____ | Perf. Nppl. _____ | (in) _____ |

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

OPERATOR:

DERRICKMAN:

FLOOR HAND:

FLOOR HAND:

| | RIG | TRAVEL | TOTAL |
|-------------|-----|--------|-------|
| OPERATOR: | | | |
| DERRICKMAN: | | | |
| FLOOR HAND: | | | |
| FLOOR HAND: | | | |



ALLEN & CROUCH
PETROLEUM ENGINEERS

April 28, 2016

Bureau of Land Management, Moab Field Office
82 East Dogwood
Moab, Utah 84532

RECEIVED

MAY 02 2016

DIV. OF OIL, GAS & MINING

Lease UTU82575 Terminated
Plug and Abandon Wells Remaining on Lease
Lansdale No. 8, API #49-007-21405
Section 27, T 18S R23E
Grand County, Utah

Harley 21-1, API #43-019-31072
Section 21, T 18S R23E
Grand County, Utah

Dear Mr. Jones

Please find attached a subsequent report Form 3160-5 to plug and abandon the Lansdale 8 and a subsequent report Form 3160-5 to plug and abandon the Harley 21-1. The wells have been plugged and abandoned. The plugging work was witnessed by Lee Oliver with the BLM Moab, Utah office. Vegetation has been established. The plugging and reclamation is complete. The well sites are ready for final inspection.

If you have any questions or need more information, please contact me at 307-234-3571.

Yours truly,

Joseph M. Rochelle, PE for

Kenneth K. Farmer
P. O. Box 2885
Casper, WY 82602

Attachments:
Form 3160-5
Report of plugging operations

cc: Utah Oil and Gas, 1594 West North Temple, Salt Lake City, Utah 84116